

ARCHAEOLOGICAL INVESTIGATIONS NEAR ANZA
CALIFORNIA: ANZA GEOTHERMAL EXPLORATION PROJECT

Jan Townsend and D. L. True

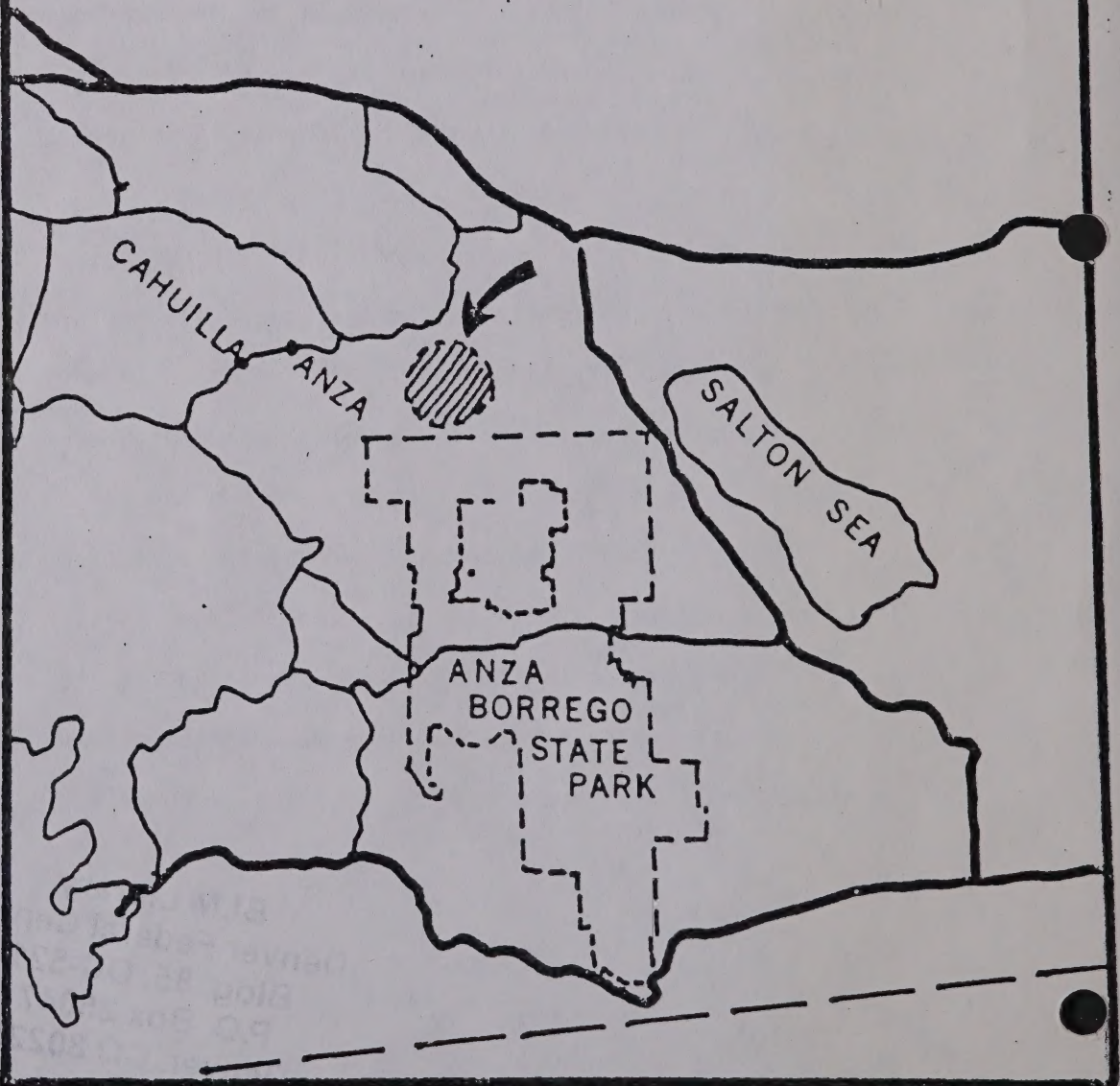
At the request of Mr. Eric Ritter, Bureau of Land Management, Riverside Office, Riverside, California, an archaeological survey was made over land identified as an exploration area for possible future geothermal development. The land, identified as the Anza Geothermal Unit, is located south of the Santa Rosa Indian Reservation, east and slightly south of the Anza Valley, and due east of the Cahuilla Indian Reservation, in Riverside County, California. The general location is shown on map 1.

Within the designated geothermal unit, three full sections and one half section were designated as primary survey target areas by the Bureau (noncompetitive lease application units). In addition to the primary target sections, the survey plan included supplemental examination of three additional full sections and two additional half section units forming a kind of buffer zone around the core of noncompetitive lease units. See map 2 for the location of these sections. On the basis of conversations with Mr. Ritter subsequent to the original survey agreement, several minor changes were made in the survey design. The adjusted target area and the sections actually surveyed is shown on map 3.

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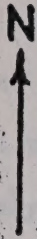
MAP I
SURVEY LOCATION

20 MILES

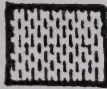


MAP 2

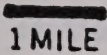
--- STUDY AREA



RECOMMENDED SURVEY UNITS
PRIMARY

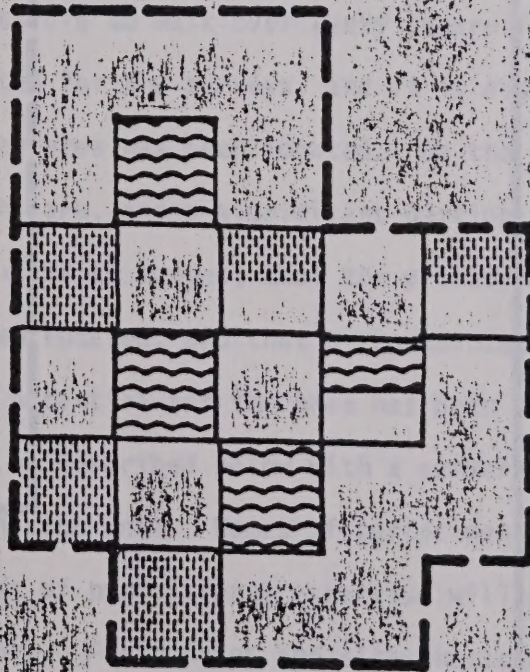


SECONDARY SURVEY UNITS



1 MILE

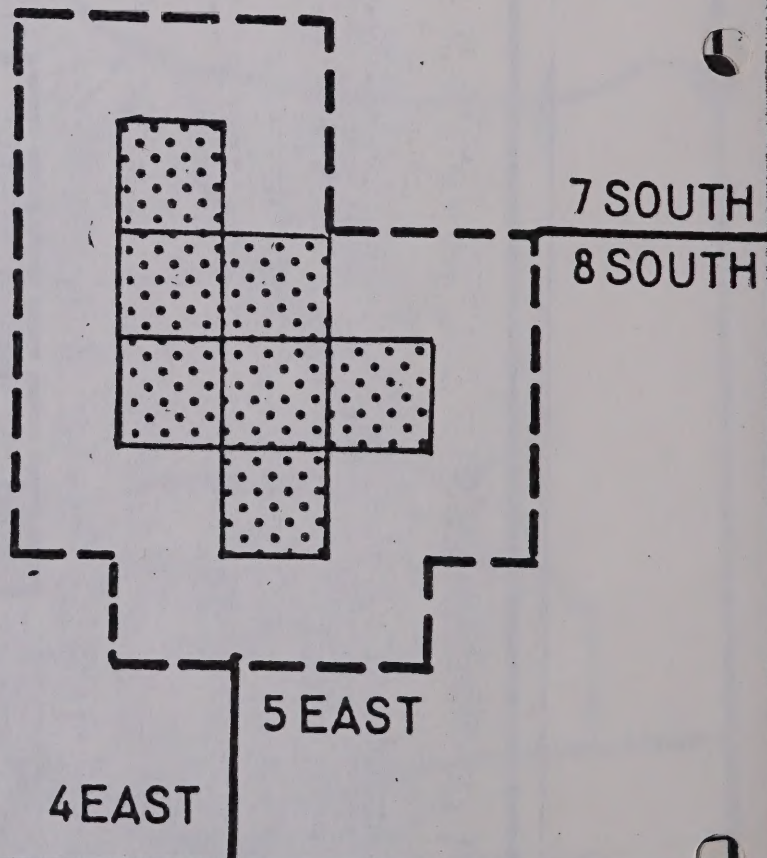
RIBBONWOOD



MAP 3
SURVEYED QUADRANGLES

ST ROUTE 74

RIBBONWOOD



THE SURVEYS

A total of seven full sections and a small strip of the eighth was surveyed as part of the present agreement. To the degree possible given the extremely rough terrain, difficult access, and limited resources, each of the indicated sections of land was examined by a trained survey crew. Other than the selection of the survey units themselves which were chosen by the Bureau of Land Management, no formal sampling design was utilized. Each of the units of land was approached in terms of accessibility, and as much of the land as possible in each section was examined with an emphasis on those areas where experience in similar desert contexts suggested an increased likelihood of occupancy or utilization. Obviously, it was impossible to walk over every square foot of each section with the time allotted for the surveys, and it is assumed that not every site in the survey area has been located. On the other hand, the surveys were done with care, and a significant portion of each section was examined. It seems safe to suggest that the primary cultural resources for each unit have been located, and that a representative sample of the cultural resource potential for the area has been identified.

The surveyed sections will be described below with a summary of the cultural resources identified in each unit. Names of participants, resumes, and general declarations of professional expertise will be presented at the end of the report. Field notes and site sheets will be included for the project as a whole as an appendix.

THE SITES

Survey unit 12 Bucksnot Mountain 7 1/2 1960; Township 8 south; range 4 east; section 12 (Map 4).

Section 12 includes terrain which ranges in elevation from a little less than 3000 feet above sea level in the south western portion to some 4200 feet in north eastern sector. The southwestern half of the section is generally open terrain and includes substantial portions of two extensive washes which are tributary to Horse Canyon to the west. Horse Canyon is a major tributary to coyote canyon which lies a little over a mile (as the crow flies) to the south of the junction of White wash and Horse Canyon. The areas to the south of White Wash and between White wash and the next major tributary to the north (along the westernmost boundary of the section), include low relief hills and the margins of larger scale terrain features extending into adjacent sections. Sites recorded in this part of the section 12 were usually found on low hills and knolls adjacent to the drainages. In contrast to the relatively flat terrain typical of the southwestern one half of the unit, the northeastern portions consists of steep rugged slopes and canyons. Elevations in this part of the unit range from close to 3100 feet above sea level to about 4200 feet in the extreme northeastern corner.

A total of 16 sites was recorded for this unit. These have been sorted into 5 categories:

1. Temporary camps (5 sites)
2. Milling stations (5 sites)
3. Mescal roasting pits (4)
4. Trail (1)
5. Historic (1)

Temporary Camps

Site B.J. 1-1 (map 4, 13)

A quite large site area on a sandy terrace overlooking a wash. A hearth, several flakes, and a number of brownware potsherds were noted. It is assumed that the site is primarily a surface deposit. A possible rock ring feature was noted along with a single grinding slick. Small rock fragments which appeared to have been modified by fire were present on the site. The predominant flake material present has been tentatively identified as felstic. A single flake tool is categorized as a scraper. The quadrangle location is:

Bucksnot Mountain 7.5 1960; township 8 south; Range 4 east; in the southwest one quarter of the southeast one quarter of section 12.

The elevation is about 3120 feet above sea level.

Site B.J. 2-1 (map 4, 10)

A large roasting pit area with two bedrock slicks associated (about 10 meters away. The roasting area is about 3 meters square. The depth is unknown. Other than fire modified rock no artifacts were noted. The site is located about 100 meters west of the White Wash. The quadrangle location is:

Bucksnot Mountain 7.5 1960; Township 8 south; range 4 east; in the southeast one quarter of the southeast one quarter of section 12.

The elevation is about 3280 feet above sea level.

Site G.Y. 2-1 (map 4, 12)

A roasting pit area marked by scattered sherds. The roasting pit appears as a concentration of fire altered rock more or less in the center of an area of burned sand and ash. Other than the indicated potsherds, no artifacts were noted. A trail (possibly a horse trail), passes through the center of the site. The quadrangle location is:

Bucksport Mountain 7.5 1960; Township 8 south; Range 4 east; in the northwest one quarter of the southwest one quarter of the southeast one quarter of section 12. The elevation is about 3120 feet above sea level.

Site G.T. 2-3 (map 4, 3)

A large granitic outcropping containing a large slick area, two shallow mortars, and one slightly deeper mortar. The slick area is one meter long and 50 centimeters wide. The two shallow mortars are respectively 4 inches in diameter and 2 inches deep; 2 1/2 inches in diameter, and 1 inch deep. The somewhat deeper mortar is 5 inches in diameter and 3 inches deep. Three flakes were recovered in the general area. Two of the flakes were cryptocrystalline quartz, the third was regular crystalline quartz. The quadrangle location for this site is:

Bucksport Mountain 7.5 1960; Township 8 south; Range 4 east; in the northwest one quarter of the northeast one quarter of section 12. The elevation is approximately 3800 feet above sea level.

Site B.J. 1-3 (map 4, 19)

A single hearth with potsherds scattered over the area. Other than the fire modified rock and potsherds, no artifacts were noted. The site is located on the valley floor about 1/4 mile from two intermittent washes. The quadrangle location is:

Bucksnort Mountain 7.5 1960; Township 8 south; Range 4 east; in the northeast one quarter of the southwest one quarter of section 12. The elevation is about 3060 feet above sea level.

Milling Stations

Site B.J. 3-1 (map 4, 9)

A single mortar on a boulder 1 meter by 1 meter by 50 centimeters. The mortar is 13 centimeters in diameter and 3.5 centimeters deep. The boulder is located in a wash. The quadrangle location is:

Bucksnort Mountain 7.5 1960; Township 8 south; Range 4 east; in the center of the southeast one quarter of section 12. The elevation is about 3160 feet above sea level.

Site J.T. 2-2 (map 4, 8)

Four slicks on granitic rock with no associated artifacts. The slicks are located on a small terrace-like feature just about a major wash and adjacent to a large clump of Mesquite. The quadrangle location is:

Bucksnort Mountain 7.5 1960; Township 8 south; Range 4 east; in the northwest one quarter of the southeast one quarter of section 12. The elevation is about 3200 feet above sea level.

Site K.M. 12-1-1 (map 4, 16)

A single slick on a flat rock extending some 15 centimeters above the extant ground surface. The slick has a battered spot in the center. The grinding surface is about 45 centimeters long and 30 centimeters wide. The battered area is about 4 centimeters in diameter. The outcropping appears to be a fine grained granitic rock and it is grey in color. No artifacts were noted. The slick is located on a terrace-like feature overlooking two washes (one to the south, the other to the west. The quadrangle location is:

Bucksnort Mountain 7.5 1960; Township 8 south; Range 4 east; in the southwest one quarter of the northwest one quarter of section 12.

The elevation is approximately 3000 feet above sea level.

Site J.M. 11-2-1 (map 4, 11)

A single slick on a granitic outcrop. The grinding area was only slightly used and is weathered. No artifacts were associated. The nearest wash is just over a small ridge to the north and the site is located in a small valley like feature between two small ridges. The quadrangle location is:

Bucksnort Mountain 7.5 1970; Township 8 south; Range 4 east; in the southeast one quarter of the southeast one quarter of section 12.

The elevation is about 3280 feet above sea level.

Site J.T. 2-3 (map 4, 4)

A possible slick on decomposed granite. Condition is poor and absolute determination impossible. The slick is within 50 meters of site J.M. 2-2. No artifacts were associated. The site is located on a

ridge. The quadrangle location is:

Bucksnot Mountain 7.5 1960; Township 8 south; Range 4 east; in the southeastern one quarter of the northeastern one quarter of section 12. The elevation is about 3880 feet above sea level.

Roasting Pits

Site B.J. 1-2 (map 4, 7)

A large roasting pit area approximately 5 meters long and 4 meters wide with associated fire altered rock. No excavation was made so the depth is not known. Other than the fire modified rock, no artifacts were present. The site is located on a small saddle situated on what otherwise is a steep mountain slope. The quadrangle location is:

Bucksnot Mountain 7.5 1960; Township 8 south; Range 4 east; in the northwest one quarter of the southeast one quarter of section 12. The elevation is approximately 3260 feet above sea level.

Site G.T. 2-2 (map 4, 2)

A roasting pit area some 3 meters in diameter with associated fire modified rock. A possible quartz scraper was associated. The depth is unknown. One associated fragment of a jackrabbit femur is believed to be recent. The quadrangle location is:

Bucksnot Mountain 7.5 1960; Township 8 south; Range 4 east; in the northwest one quarter of the northeast one quarter of section 12. The elevation is about 3800 feet above sea level.

Site K.M. 2-1 (map 4, 6)

A cleared area some 10 meters long and 6 meters wide marked by evidence of burning and fire modified rock. No artifacts were associated other than the indicated fire altered rock which is scattered generally within the clearing. The depth of the burned area is unknown. The site is located on a small flat area on a ridge between two large drainages which feed into Horse Canyon. The quadrangle location is:

Bucksnot Mountain 7.5 1960; Township 8 South; Range 4 east; in the southwest one quarter of the northeast one quarter of section 12. The elevation is about 3760 feet above sea level.

Site J.M. 11-2-2 (map 4,5)

A roasting pit area about 6 meters in length and 4 meters wide. Ash and charcoal are present, as is fire modified rock. Other than the fire modified rock, no artifacts were present. There is evidence of some vandalism in the form of 4 small pits excavated into the feature. These excavations, which are about one foot (or a little more) in diameter indicate that the deposit here is at least 10 centimeters deep. The site is located on a fairly narrow ridge some 500 or so feet west of a wash. The quadrangle location is:

Bucksnot Mountain 7.5 1960; Township 8 south; Range 4 east; in the southeast one quarter of the northeast one quarter of section 12. The elevation is about 3840 feet above sea level.

Trails

Site J.T. 2-1 (map 4, 17)

A trail which runs along the top of a ridge may have been used in aboriginal times although it is possible that it is primarily an animal trail (deer and horse droppings were associated). No artifacts were noted. The quadrangle location is:

Bucksnot Mountain 7.5 1960; Township 8 south; Range 4 east; in the Southern one half of the southeast one quarter of section 12. The elevation ranges from about 3200 to 3280 feet above sea level.

Historic

Site J.M. 11-1-1 (map 4, 15)

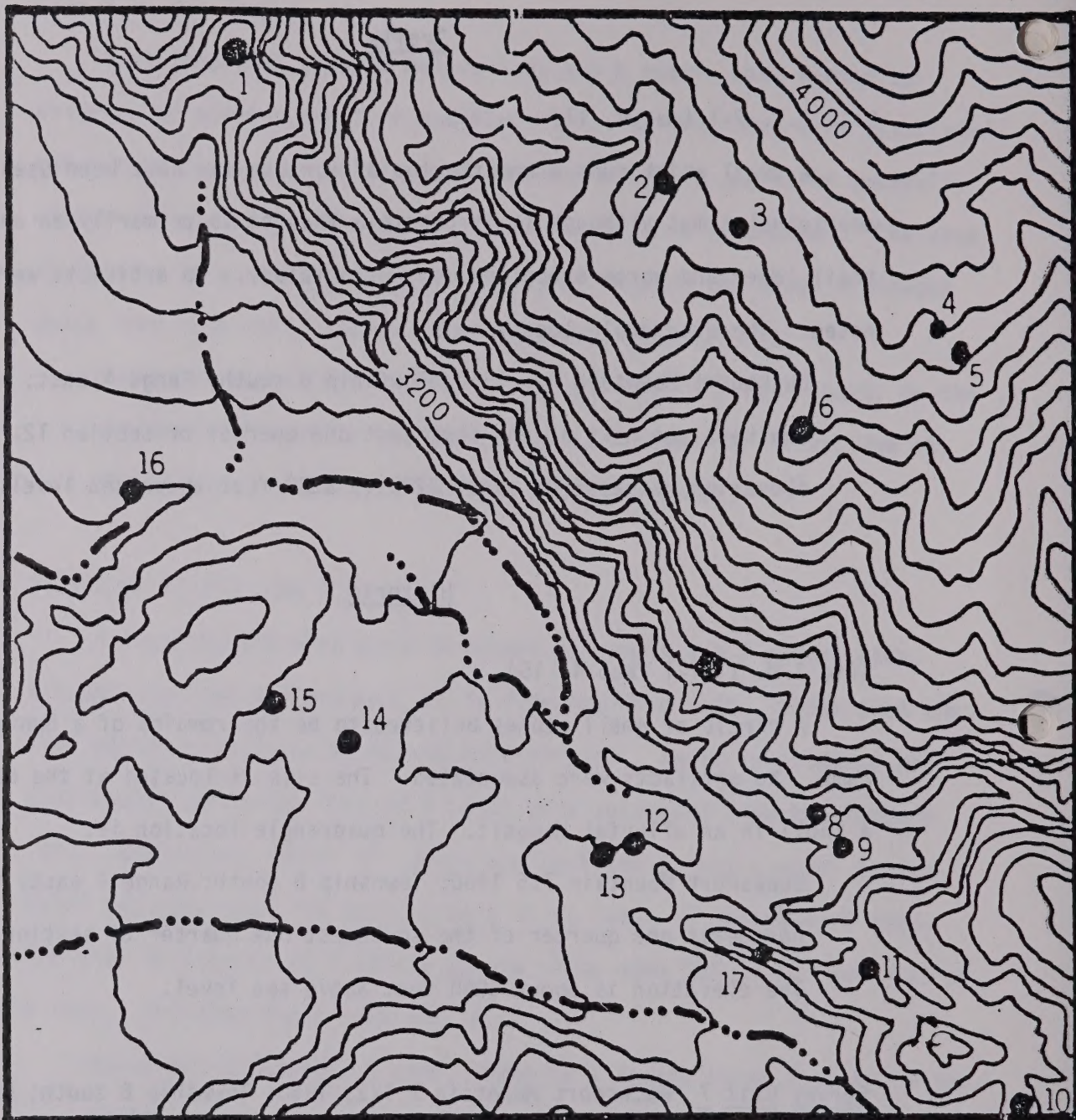
A circle of small stones believed to be the remains of a hunters camp. No artifacts were associated. The site is located at the base of a knoll in an alluvial deposit. The quadrangle location is:

Bucksnot Mountain 7.5 1960; Township 8 south; Range 4 east; in the northeast one quarter of the southwest one quarter of section 12.

The elevation is about 3080 feet above sea level.

Survey Unit 7 Bucksnot Mountain 7 1/2, 1960; Township 8 south; Range 5 east; section 7.

Section 7 includes substantially rugged terrain ranging in elevation from about 3200 feet above sea level in the southwestern corner to close to 4500 feet above sea level in the north eastern corner. Several important drainages tributary to White Wash cross the section with both north to south and east to west orientations. A substantial number of



MAP 4
SURVEY UNIT 12

1320 FEET



sites was recorded for this section which may in part be due to the presence of significant stands of agave and other potential subsistence resources.

A total of 28 sites was recorded for this survey unit. They have been placed in the following categories:

1. Temporary camps (9)
2. Milling Stations (3)
3. Roasting Pits (12)
4. Isolated Finds (3)
5. Village (1)

No historic sites were noted for this survey unit.

Temporary Camps

Site B.J. 3-3 (map 5, 20).

The site consists of a roasting pit some 5 meters in diameter with associated fire altered rock and a bedrock grinding slick. Other than the fire altered rock, no artifacts were noted. The site is located on a ridge and is in an area characterized by heavy stands of agave. The quadrangle location is:

Bucksnort Mountain 7.5 1960; Township 8 south; Range 5 east; in the southeast one quarter of the northwest one quarter of section 7.

The elevation is approximately 3800 feet above sea level.

Site B.J. 3-4 (map 5, 19)

The site includes a roasting pit area 3 1/2 meters wide and 5 meters long associated with a grinding slick. The cooking area includes fire altered rock, but no other artifacts were noted. The site is located on a terrace adjacent to a wash. The quadrangle location is:

Bucksnot Mountain 7.5 1960; Township 8 south; Range 5 east; in the southeast one quarter of the northwest one quarter of section 7.

The elevation is about 3800 feet above sea level.

Site B.J. 4-1 (map 5, 18)

The site includes a roasting pit and five grinding slicks. The roasting pit is 5 meters by five meters and has fire altered rock associated. Potsherds were noted in the area. The site is located on a terrace-like feature in an area characterized by heavy stands of agave.

The quadrangle location is:

Bucksnot Mountain 7.5 1960; Township 8 south; Range 5 east, in the northwest one quarter of the southwest one quarter of section 7.

The elevation is about 3620 feet above sea level.

Site G.T. 2-4 (map 5, 11)

The site includes a roasting pit area associated with a bedrock slick. The slick is located about 10 meters west of the cooking area. The roasting pit has fire altered rock associated. Other than the fire modified rock, no artifacts were noted at this location. The site is located on a flattened portion of a large ridge which trends north and south in the western half of section 7. The quadrangle location is:

Bucksnot Mountain 7.5 1960; Township 8 south; Range 5 east; in the southwestern one quarter of the northwestern one quarter of section 7. The elevation is about 3840 feet above sea level.

Site G.T. 4-4 (map 5, 26)

A roasting pit associated with a grinding slick. The slick is

weathered, but recognizable. It is located about 30 meters east of the roasting area. The roasting pit consists of a ring of fire altered rock around a burned ashy deposit. Other than the fire modified rock, no artifacts were noted. The site is located in a saddle on the southerly side of a ridge. The quadrangle location is:

Bucksport Mountain 7.5 1960; Township 8 south; Range 5 east; in the southeast one quarter of the southeast one quarter of section 7.

The elevation is about 4000 feet above sea level.

Site K.M. 3-2 (map 5, 3)

A hearth area about 50 centimeters in diameter with associated chipping waste. The hearth consisted of fire altered rock around an open area of burned ashy soil. The chipping waste is described as some kind of dark chert-like material. The site is located on a wide spot on a ridge. The quadrangle location is:

Bucksport Mountain 7.5 1960; Township 8 south; Range 5 east; in the northwest one quarter of the northwest one quarter of section 7.

The elevation is about 4240 feet above sea level.

Site K.M. 4-2 (map 5, 25)

A roasting pit associated with three grinding slicks. A second area nearby may also have been subjected to burning. The primary cooking area is 3 meters long and 2 meters wide. Two of the slicks are situated on one boulder, the third is on a rock at ground level. No artifacts were associated. There is some evidence of rodent damage in and around the hearth areas. The site is located at the base of a ridge next to a

drainage channel. The quadrangle location is:

Bucksnot Mountain 7.5 1960; Township 8 south; Range 5 east; in the northwest one quarter of the southeast one quarter of section 7.

The elevation is about 3800 feet above sea level.

Site J.M. 11-3-1 (map 5, 1)

A roasting pit some 5 meters by 5 meters associated with a grinding slick. The slick is approximately 5 meters from the roasting pit area. The roasting pit itself is marked by fire altered rock and ash brought up by rodents. The depth of the roasting pit is unknown, but the nature of the rodent burrows suggests that the deposit may be quite deep.

Other than the fire altered rock, no artifacts were noted for this site.

The site is located on a small terrace-like feature about 2 feet above the level of the bed of the wash. The wash and terrace feature are situated between two ridges trending in a southeasterly direction. The quadrangle location is:

Bucksnot Mountain 7.5 1960; Township 8 south; Range 5 east; in the northeast one quarter of the northwest one quarter of section 7.

The elevation is about 4160 feet above sea level.

Site J.R. 12-1-1 (map 5, 10)

A campsite area marked by two roasting pit locations, two slicks and an extensive lithic scatter. Rock features are associated with both roasting pits. The burned areas are about 3 meters in diameter. The rock associated with the uppermost of the two features form a circle; those around the second feature are scattered. The slicks are on granitic

boulders. A number of quartz and chert flakes were noted in the general area, and one small quartz projectile point was noted. The quadrangle location is:

Bucksnot Mountain 7.5 1960; Township 8 south; Range 5 east; in the southwest one quarter of the northwest one quarter of section 7.

The elevation is about 3850 feet above sea level.

Milling Stations

Site J.M. 12-1-1 (map 5, 22)

Two slicks located on separate granitic boulders. The grinding areas showed moderate use. Each feature was marked by large un-modified stones placed on top of the boulder which are located about 3 meters apart. No artifacts were associated. The site is located on a small ridge running west/southwest terminating at a drainage on the south-westerly end. The slicks are located on upper slope of the ridge (southerly exposure) in a very rocky area. The quadrangle location is:

Bucksnot Mountain 7.5 1960; Township 8 south; Range 5 east; in the northeast one quarter of the southwest one quarter of section 7.

The elevation is about 3820 feet above sea level.

Site J.M. 12-1-2 (map 5, 23)

A single grinding slick on a large granitic boulder. The location was marked by un-modified rocks placed on top of the boulder. No artifacts were noted. The site is located on the southerly side of a small ridge near the top. The area is rocky. The quadrangle location is:

Bucksnot Mountain 7.5 1960; Township 8 south; Range 5 east; in the

northeast one quarter of the southwest one quarter of section 7.

The elevation is about 3820 feet above sea level.

Site J.M. 12-1-3 (map 5, 24)

A large granitic boulder with two grinding surfaces on it. Several stones were present on the boulder three of which appeared to be artifacts. Two of the stones had battered ends and one had a pestle-like pounding surface on one end. All of the artifacts were unshaped except for the working ends or edges. The site is located on the top part of the southerly exposure of a ridge which trends west/southwest. The quadrangle location is:

Bucksnot Mountain 7.5 1960; Township 8 south; Range 5 east; in the northeast one quarter of the southwest one quarter of section 7.

The elevation is about 3760 above sea level.

Roasting Pits

Site B.J. 2-2 (map 5, 9)

A roasting pit area about 3 meters in diameter located on the top of a narrow ridge. Other than the associated fire altered rock, no artifacts were associated. The quadrangle location is:

Bucksnot Mountain 7.5 1960; Township 8 south; Range 5 east; in the southwest one quarter of the northwest one quarter of section 7.

The elevation is about 3820 feet above sea level.

Site B.J. 2-4 (map 5, 7)

A roasting pit located on top of a narrow ridge. It is approximately

150 meters up the ridge from site B.J. 2-3. Other than associated fire altered rock, no artifacts were noted. The quadrangle location is:

Bucksnot Mountain 7.5 1960; Township 8 south; Range 5 east; in the southwest one quarter of section 7. The elevation is about 3900 feet above sea level.

Site B.J. 2-5 (map 5, 5)

A single roasting pit area located in a saddle on the top of a ridge. The burned area is about 8 meters in diameter. Other than the associated fire altered rock, no artifacts were noted. The site is located about 500 meters up the ridge from site B.J. 2-2. The quadrangle location is:

Bucksnot Mountain 7.5 1960; Township 8 south; Range 5 east; in the northwest one quarter of the northwest one quarter of section 7. The elevation is about 4120 feet above sea level.

Site B.J. 3-2 (map 5, 6)

A single roasting pit about 4 meters in diameter located on a ridge. Other than the associated fire altered rock, no artifacts were noted. The quadrangle location is:

Bucksnot Mountain 7.5 1960; Township 8 south; Range 5 east; in the northwest one quarter of the northwest one quarter of section 7. The elevation is about 4000 feet above sea level.

Site B.J. 4-5 (map 5, 27)

A single roasting pit area about 5 meters in diameter located in a

saddle. Other than the fire altered rock, no artifacts were noted.

This may be the same site as Riverside 750. The quadrangle location is:

Bucksport Mountain 7.5 1960; Township 8 south; Range 5 east; in the southeast one quarter of the southeast one quarter of section 7.

The elevation is about 4020 feet above sea level.

Site G.T. 2-5 (map 5, 13)

A single roasting pit area about 6 meters in diameter located on a flat spot in the middle of the first ridge in section 7 east of the section 12 line. The center of the burned area is cleared and the associated fire altered rock forms a kind of circle around the margins. Other than the fire altered rock, no artifacts were noted. The quadrangle location is:

Bucksport Mountain 7.5 1960; Township 8 south; Range 5 east; in the northwest one quarter of the southwest one quarter of section 7.

The elevation is about 3760 feet above sea level.

Site G.T. 2-6 (map 5, 14)

A single roasting pit on a ridge. Fire altered rock is associated, but no other artifacts were noted. No dimensions were taken. The quadrangle location is:

Bucksport Mountain 7.5 1960; Township 8 south; Range 5 east; in the northwest one quarter of the southwest one quarter of section 7.

The elevation is about 3720 feet above sea level.

Site G.T. 2-8 (map 5, 16)

A single roasting pit located on a large south facing ridge. Fire

altered rock is associated, but no other artifacts were noted. No dimensions were taken. The quadrangle location is:

Bucksnort Mountain 7.5 1960; Township 8 south; Range 5 east; in the northwest one quarter of the southwest one quarter of section 7.

The elevation is about 3640 feet above sea level.

Site G.T. 3-1 (map 5, 2)

A roasting pit on the top of a ridge between two knolls. Other than fire altered rock, no artifacts were associated. The quadrangle location is:

Bucksnort Mountain 7.5 1960; Township 8 south; Range 5 east; in the northeast one quarter of the northwest one quarter of section 7.

The elevation is about 4140 feet above sea level.

Site G.T. 12-1-2 (map 5, 21)

A roasting pit location 4 meters by 3 meters on a ridge between two major drainages. Other than fire altered rock, no artifacts were associated. There is some evidence of rodent disturbance. The quadrangle location is:

Bucksnort Mountain 7.5 1960; Township 8 south; Range 5 east; in the northeast one quarter of the southwest one quarter of section 7.

The elevation is about 3840 feet above sea level.

Site J.R. 12-1-2 (map 5, 12)

A single roasting pit about 3 meters in diameter located on a ridge. Other than associated fire altered rock, no artifacts were

noted. There is evidence of vandalism in the form of several small holes which have been excavated into the burned area. The quadrangle location is:

Bucksnot Mountain 7.5 1960; Township 8 south; Range 5 east; in the southwest one quarter of the northwest one quarter of section 7.

The elevation is about 3820 feet above sea level.

Isolated Finds

Site G.T 2-7 (map 5, 15)

A single condensed milk can found in the center of a ridge. It is estimated that this artifact dates to about the 1920's, although this has not been verified. The quadrangle location is:

Bucksnot Mountain 7.5 1960; Township 8 south; Range 5 east; in the northwest one quarter of the southwest one quarter of section 7.

The elevation is about 3680 feet above sea level.

Site G.T. 2-9 (map 5, 17)

A single potsherd (red to buff color) found on the lower end of a large south facing ridge on a terrace-like feature overlooking a major wash. The quadrangle location is:

Bucksnot Mountain 7.5 1960; Township 8 south; Range 5 east; in the southwest one quarter of the southwest one quarter of section 7.

The elevation is about 3560 feet above sea level.

Site K.M. 3-1 (map 5, 4)

A single black chert flake found on the side of a steep slope overlooking a large drainage. The quadrangle location is:

Bucksnort Mountain 7.5 1960; Township 8 south; Range 5 east; in the northwest one quarter of the northwest one quarter of section 7.

The elevation is about 4200 feet above sea level.

Village

Site G.T. 12-1-1 (map 5, 28)

An extensive area of cultural features and other evidence of occupancy suggesting an important camp or village. The site area covers some 5000 square meters of space and includes at least two and possibly four roasting pit areas, 2 bedrock mortars, 32 grinding slicks, and a possible rock ring feature. Artifacts noted include chipping waste (quartz and chert), potsherds, two projectile point fragments, and 3 milling tools. Fire altered rock is associated with the roasting pit areas.

The site is located on a long narrow terrace-like feature along a major drainage. It is bisected by a tributary drainage. The site proper has been sub-divided into two units separated by about 100 feet and several large granitic boulders.

Figure 2 is a schematic representation of the southern portion of the site and figure 1 is a schematic representation of the northern part of the site. Details relative to artifacts and features are present on the continuation sheet and field reports (Appendix A). The quadrangle location for this site is:

NOT TO SCALE

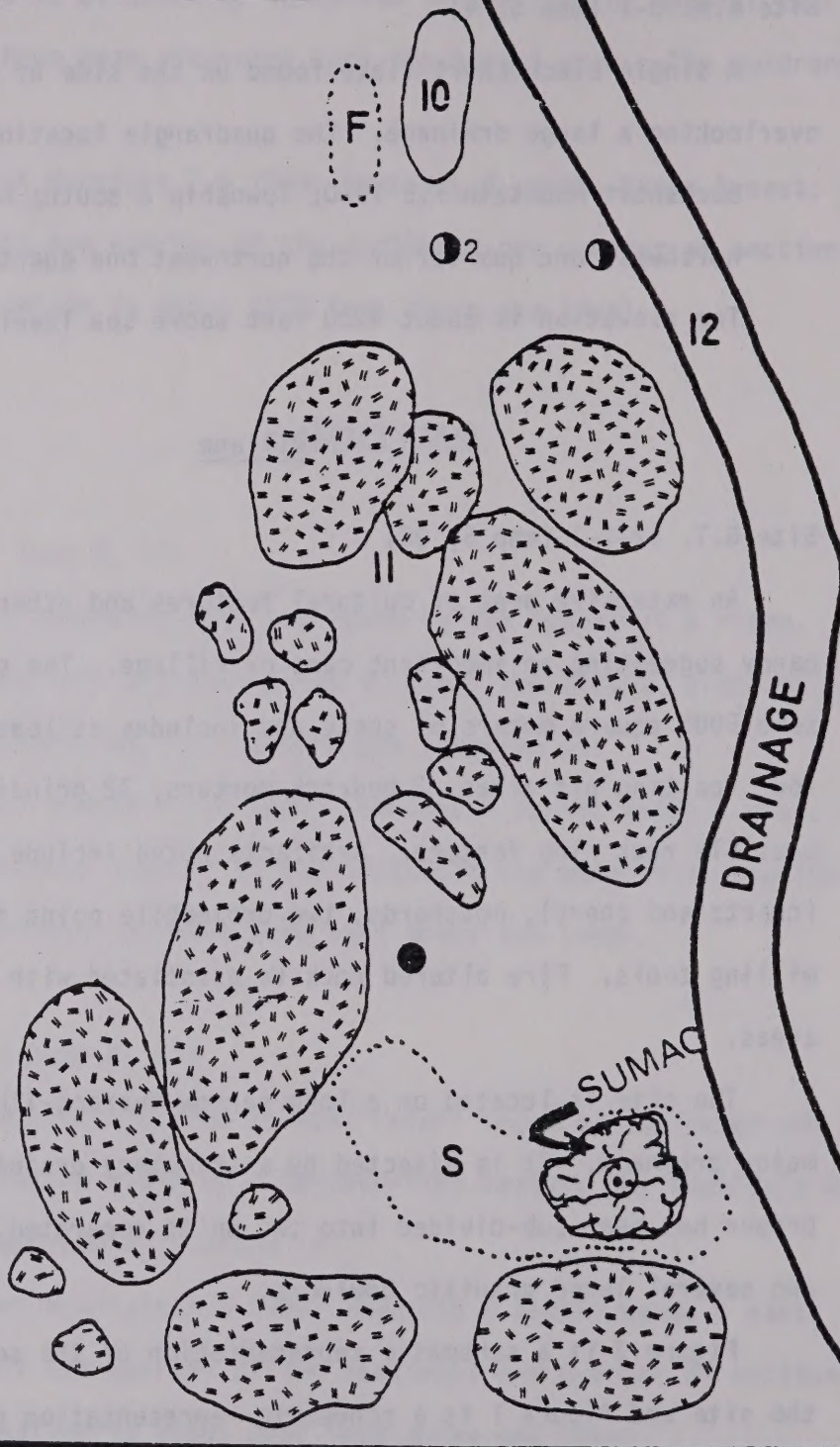


FIGURE 1
GT-12-H

- SLICK
- POINT
- SHERDS
- FLAKES

SCHEMATIC

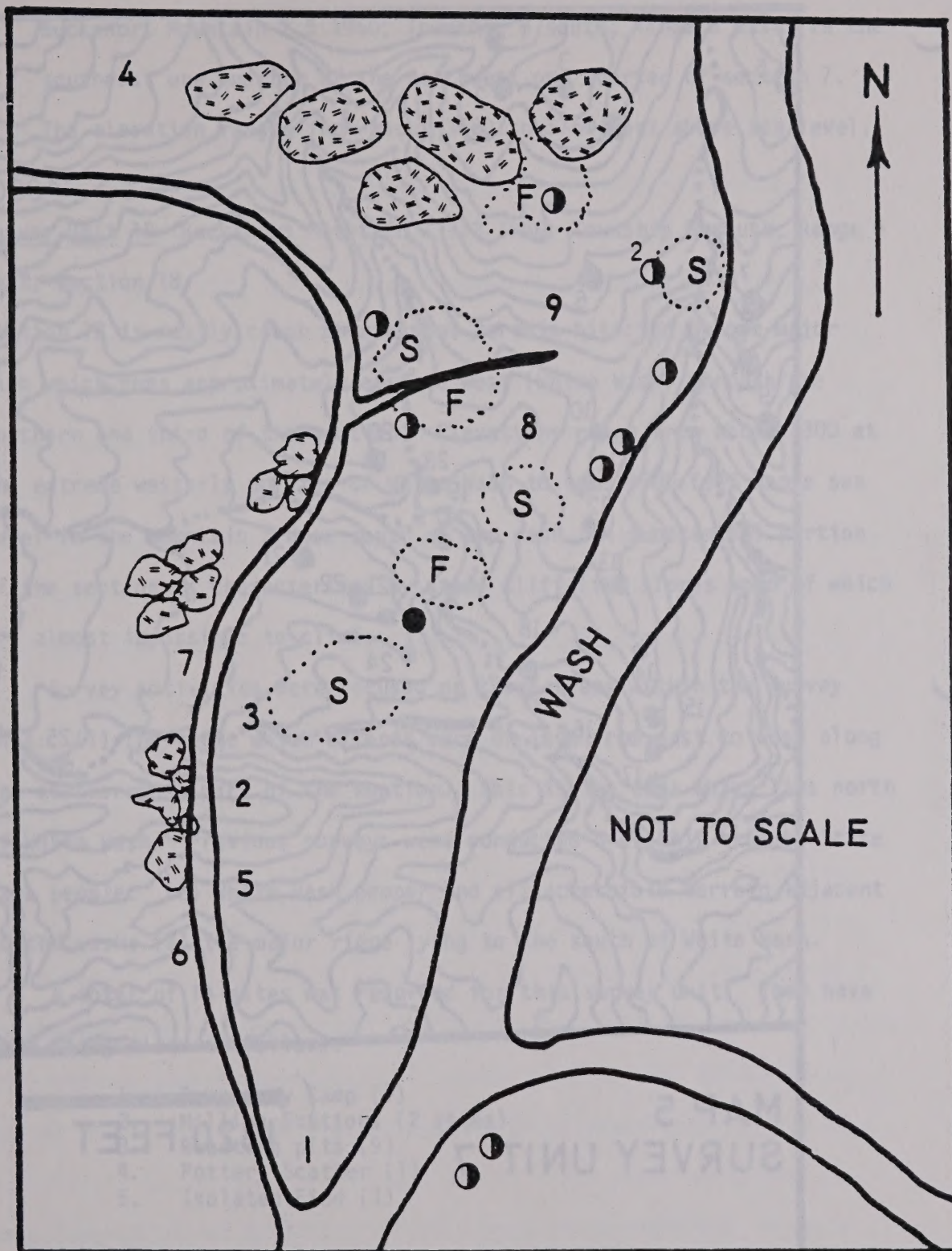
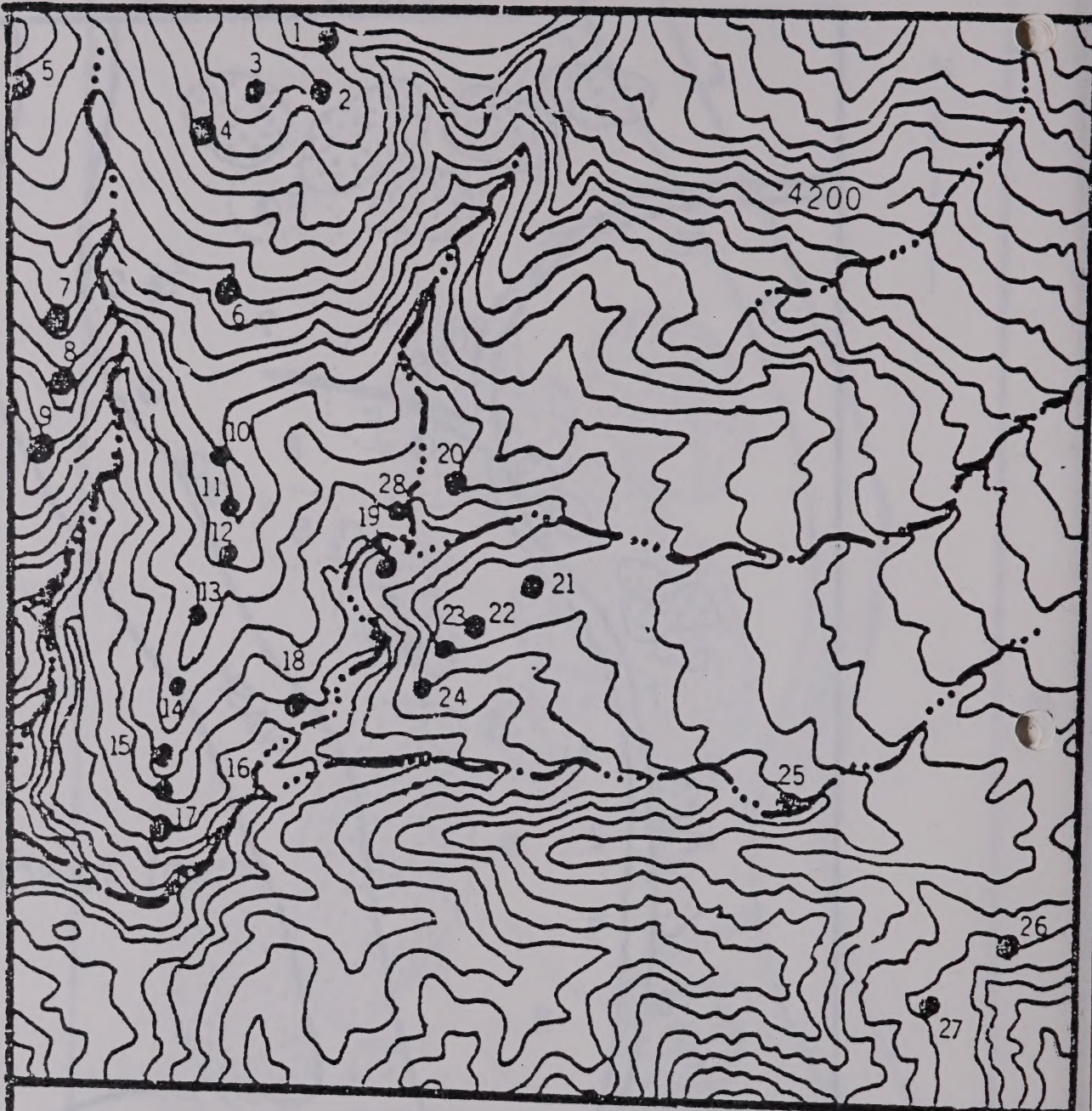


FIGURE 2
GT-12-H

- SLICK
- POINT
- SHERDS
- FLAKES

SCHEMATIC



MAP 5
SURVEY UNIT 7

1320 FEET



Bucksport Mountain 7.5 1960; Township 8 south; Range 5 east; in the southeast one quarter of the northwest one quarter of section 7.

The elevation ranges from about 3680 to 3760 feet above sea level.

Survey Unit 18 Bucksport Mountain 7 1/2 1960; Township 8 south; Range 5 east; Section 18.

Section 18 is mostly rough mountainous terrain bisected by one major wash which runs approximately east to west (White Wash) through the northern one third of the section. Elevations range from about 3300 at the extreme westerly portion of White Wash to some 4500 feet above sea level in the mountain ridges south of the wash. A substantial portion of the section is characterized by steep cliff-like slopes some of which are almost impossible to climb.

Survey activities were focused on three areas within the survey unit: (1) The ridge which extends more or less from east to west along the northernmost part of the section. This is the area which lies north of White Wash. Previous surveys were conducted over this area by State Park people. (2) White Wash proper and all accessible terrain adjacent to the wash; (3) the major ridge lying to the south of White Wash.

A total of 13 sites was recorded for this survey unit. They have been categorized as follows:

1. Temporary Camp (1)
2. Milling Stations (2 sites)
3. Roasting pits (9)
4. Pottery Scatter (1)
5. Isolated Find (1)

Temporary Camp

Site G.T. 5-3 (map 6, 6)

A temporary camp area consisting of a single slick and 2 roasting pits. The roasting pits are about 35 meters apart. The upper roasting pit is about 3.5 meters in diameter. The lower is slightly more than 5 meters in diameter (6 meters by 5 meters). The slick area is 40 by 25 centimeters. A single brownware potsherd was found in association with the upper roasting pit. The complex of features is located on terrace-like surfaces on the north side of White Wash. Although they are located in the same general area the two roasting pits may not be related to the slick. Thus, although this is categorized as a temporary camp for purposes of description, the possibility that the features are independent of one another should be considered. The quadrangle location is:

Bucksnort Mountain 7.5 1960; Township 8 south; Range 5 east; in the northeast one quarter of the northeast one quarter of Section 18.

The elevation is about 3640 feet above sea level..

Milling Stations

Site G.T. 5-1 (map 6, 2)

An isolated grinding slick located on a terrace-like feature situated between two ridges. The slick area dimensions are 50 centimeters by 30 centimeters. No artifacts were associated. The quadrangle location is:

Bucksnort Mountain 7.5 1970; Township 8 south; Range 5 east; in the northeast one quarter of the northeast one quarter of Section 18.

The elevation is about 3800 feet above sea level.

Site G.T. 5-2 (map 6, 3)

A complex of four bedrock mortars on three boulders located on a terrace-like feature adjacent to a tributary of White Wash. Two of the mortars are designated as shallow (5 centimeters in diameter, 2 centimeters deep; 4 centimeters in diameters, 2 centimeters deep). The other two (each on separate boulders) were not measured, but are presumed to be shallow as well. No artifacts were associated with these features.

The quadrangle location is:

Bucksnot Mountain 7.5 1960; Township 8 south; Range 5 east; in the northeast one quarter of the northeast one quarter of Section 18.

The elevation is about 3760 feet above sea level.

Roasting Pits

Site J.T. 5-1 (map 6, 11)

A single roasting pit located on a saddle between two ridge features. The pit area was about 5 meters long and 4 meters wide. Fire altered rock was associated. A thin sheet of decomposed granite covers the burned area at the present time. Although presumably not associated, several rock markers were noted on a large boulder some 20 meters south of the roasting pit area. (It is possible that such markers were used to identify locations of roasting areas or other sites and their presence and potential significance should not be disregarded. No artifacts were associated with the roasting pit location. The quadrangle location of this site is:

Bucksnot Mountain 7.5 1960; Township 8 south; Range 5 east; in the northwest one quarter of the southwest one quarter of Section 18. The elevation is about 4050 feet above sea level.

Site B.J. 4-6 (map 6, 1)

A single roasting pit a little more than 4 meters in diameter. It is located on a ridge. Other than fire altered rock, no artifacts were associated with this feature. The quadrangle location is:

Bucksnot Mountain 7.5 1960; Township 8 south; Range 5 east; in the northeast one quarter of the northeast one quarter of Section 18. The elevation is about 4040 feet above sea level. (The site is located on the section line between sections 7 and 18.)

Site B.J. 4-7 (map 6, 4)

A single roasting pit located on a ridge. It is close to 3 meters in diameter and has fire altered rock in association. Other than the fire altered rock, no artifacts were noted. The quadrangle location is:

Bucksnot Mountain 7.5 1960; Township 8 south; Range 5 east; in the northwest one quarter of the northeast one quarter of Section 18. The elevation is about 4000 feet above sea level.

Site B.J. 4-8 (map 6, 7)

Two roasting pits on a ridge-like feature. One of the burned areas is 5.5 meters by 4.0 meters, the other is 4 meters in diameter. Fire altered rock is associated with both features. Other than the fire modified rock, no artifacts were noted. It is likely that this is the

same location previously recorded as Site Riverside 748. The quadrangle location is:

Bucksnort Mountain 7.5 1960; Township 8 south; Range 5 east; in the northeast one quarter of the northwest one quarter of Section 18.

The elevation is about 3700 feet above sea level.

Site J.M. 11-5-3 (map 6, 12)

A single roasting pit located on a relatively level portion of a ridge. The pit area is about 3 meters in diameter and is presently covered with a thin sheet of decomposed granite. Other than scattered pieces of fire altered rock no artifacts were noted. The quadrangle location is:

Bucksnort Mountain 7.5 1960; Township 8 south; Range 5 east; in the northwest one quarter of the southwest one quarter of Section 18.

The elevation is about 4140 feet above sea level.

Site J.M. 11-5-4 (map 6, 13)

A single roasting pit about 3 meters in diameter located on a ridge. The ash deposit is covered with a thin sheet of decomposed granite gravel. Scattered fire altered rock is present. No artifacts were noted. The quadrangle location is:

Bucksnort Mountain 7.5 1960; Township 8 south; Range 5 east; in the northwest one quarter of the southwest one quarter of Section 18.

The elevation is about 4120 feet above sea level.

Site K.M. 5-1 (map 6, 5)

A single roasting pit area some 5 meters in diameter located on a small flat portion of a ridge. The burned area is marked by a slight depression and has a scatter of fire altered rock around its margin. No artifacts were noted. The quadrangle location is:

Bucksnot Mountain 7.5 1960; Township 8 south; Range 5 east; in the northeast one quarter of the northeast one quarter of Section 18.

The elevation is about 3680 feet above sea level.

Site J.M. 11-5-1 (map 6, 9)

Two roasting pit areas on a relatively level section of a northwest trending ridge. The two features are about 6-8 meters apart. The larger of the two is 8 meters long and 6 meters wide. The other close to 2 meters in diameter. Both locations were marked by fire altered rock. No other artifacts were noted. The quadrangle location is:

Bucksnot Mountain 7.5 1960; Township 8 south; Range 5 east; in the southwest one quarter of the northwest one quarter of Section 18.

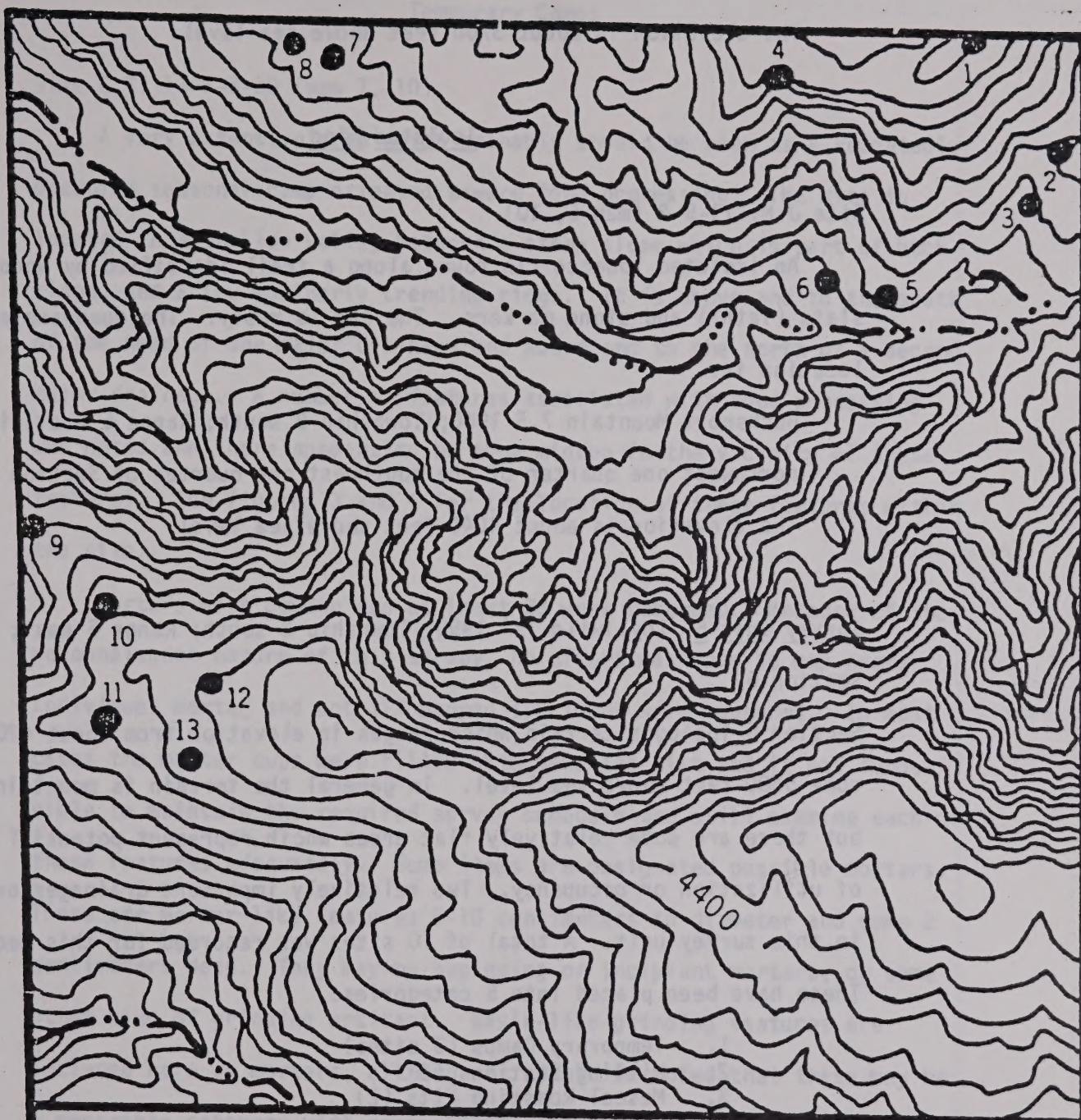
The elevation is about 3920 feet above sea level.

Pottery Scatter

Site B.J. 4-9 (map 6, 8)

Four brownware sherds located on a ridge. All were found in an area of less than 1 foot in diameter. No other artifacts or evidence of occupancy were noted. The quadrangle location is:

Bucksnot Mountain 7.5 1960; Township 8 south; Range 5 east; in the northeast one quarter of the northwest one quarter of Section 18.



MAP 6
SURVEY UNIT 18

1320 FEET



The elevation is about 3700 feet above sea level.

Isolated Find

Site J.M. 11-5-2 (map 6, 10)

An isolated tobacco tin found along a trail identified by wooden slats (lath?) and stone markers. The can is rusty. The quadrangle location is:

Bucksnot Mountain 7.5 1960; Township 8 south; Range 5 east; in the northwest one quarter of the southwest one quarter of Section 18.

The elevation is about 4040 feet above sea level.

Survey Unit 6 Idyllwild 15' 1959; Township 8 south; Range 5 east; Section 6.

Section 6 includes terrain which ranges in elevation from about 4200 to some 5600 feet above sea level. In general the terrain is mountainous but there are some relatively flat areas which represent potential areas of utilization or occupancy. Two relatively important drainages originate in this survey unit. A total of 10 sites was recorded for this section.

These have been placed into 5 categories:

1. Temporary Camps (3 sites)
2. Milling Stations (2)
3. Mescal Roasting Pits (2)
4. Trails (2)
5. Isolated Find (1)

Temporary Camps

Site G.T. 11-3-8-30 (map 7, 10)

A very extensive area which probably should be seen as a repeatedly occupied seasonal camp oriented toward food processing. The site is located in a shallow valley between a steep slope which is part of buck ridge, and a low southerly trending ridge. It is above and to the south of the head of one major drainage and above and to the north of a second major drainage. A number of features associated with food processing was noted and there appears to be some midden in the vicinity of these features. See figures 3 and 4 for the location of these features within the site.

Mortars were common and at least 23 were recorded. Because of the reconnaissance nature of this survey, no effort was made to map every individual mortar and not all mapped specimens were measured. In most cases the mortar cups were filled with sand and silt and it was impossible to maintain the required survey schedule and still examine each of these features adequately. Some items are designated possible mortars. These are mortar-like features 8-10 centimeters in diameter and some 2 centimeters deep. They may be beginning or incipient mortars, or some other kind of grinding artifact. Basin-like grinding features are included here as mortars, although it should be noted that these may be a separable category with specialized usage or significance. In addition to the mortars, 16 slicks were recorded. These seem to be concentrated in the northern part of the overall site area (see figure 3). One portable metate fragment was noted along with a mano and four large pestles. Additional fragments of milling oriented tools were noted. At

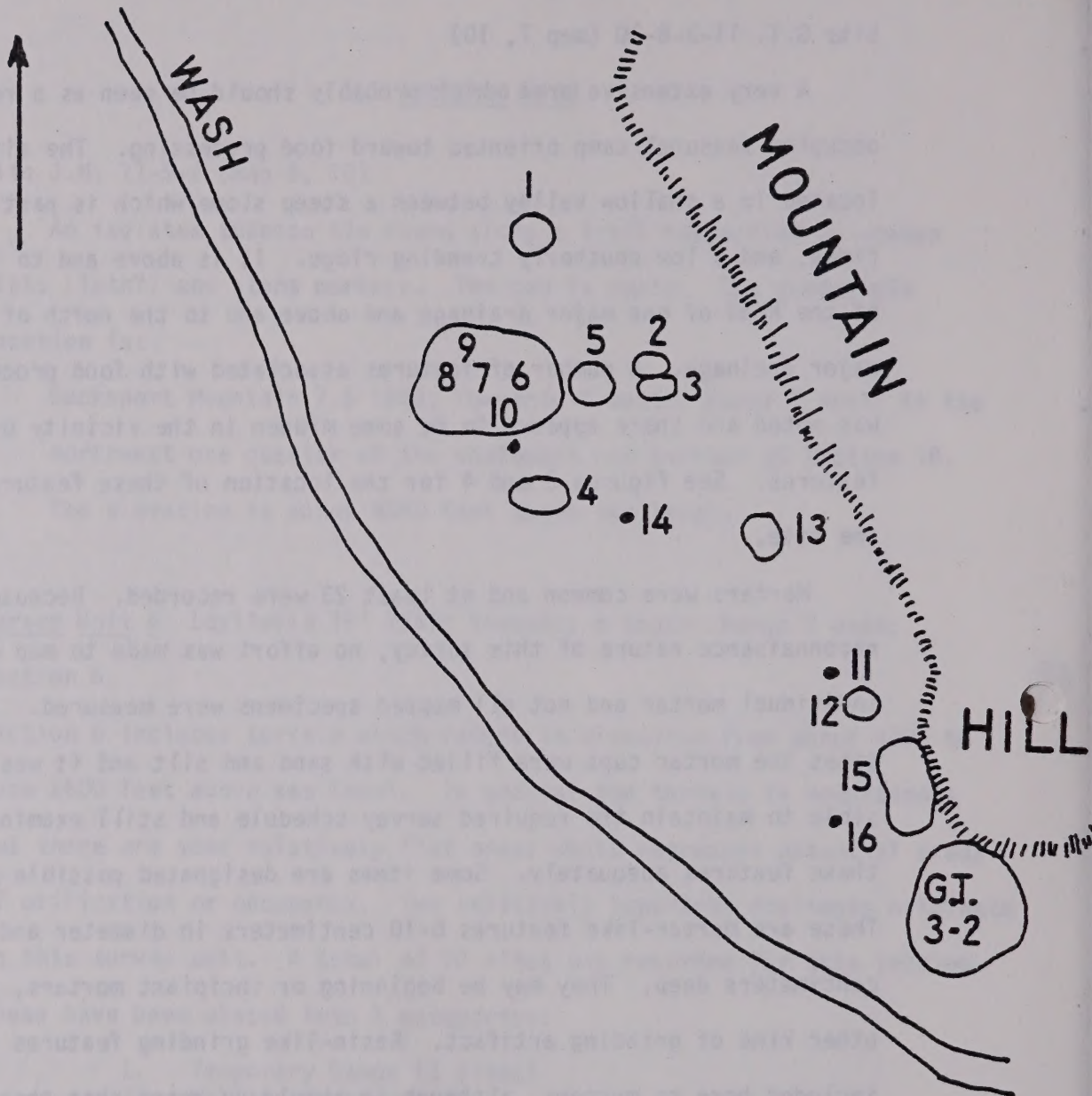
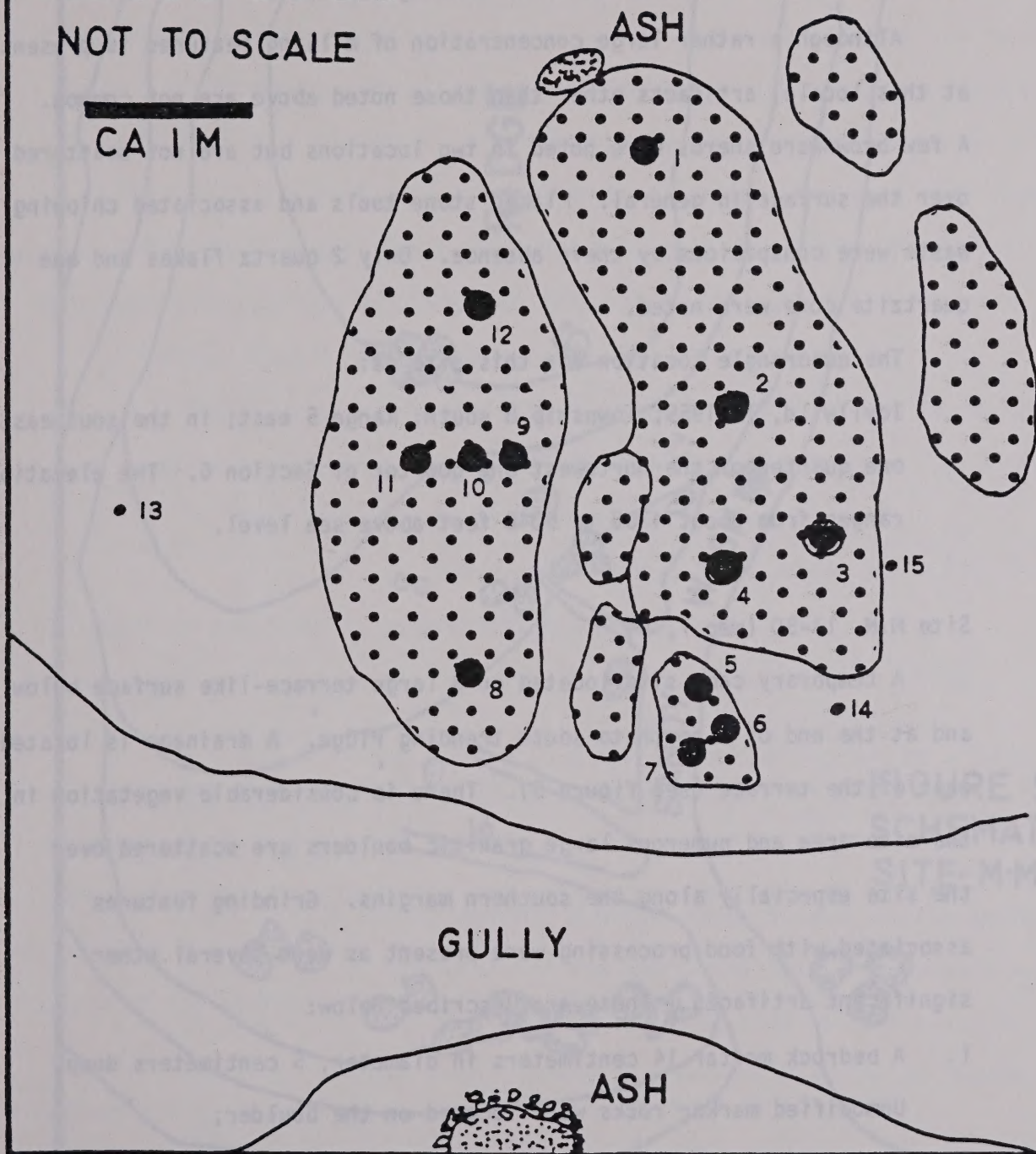


FIGURE 3
SCHEMATIC
SITE GT II/3-8-30
NOT TO SCALE

FIGURE 4
SCHEMATIC
LOCUS GT 3 2
NOT TO SCALE

CA 1 M



least two areas within the site appeared to be burned with ash and fire altered rock in association. Since agave is not found in the immediate area, it is suggested that these are hearths or roasting pits used for some other kind of food or some non-cooking function.

Although a rather large concentration of milling features is present at this locale, artifacts other than those noted above are not common. A few brownware sherds were noted in two locations but are not scattered over the surface in general. Flaked stone tools and associated chipping waste were conspicuous by their absence. Only 2 quartz flakes and one quartzite core were noted.

The quadrangle location for this site is:

Idyllwild, 15 1959; Township 8 south; Range 5 east; in the southeast one quarter of the northwest one quarter of Section 6. The elevation ranges from about 4700 to 5040 feet above sea level.

Site M.M. 11-30 (map 7, 9)

A temporary camp site located on a large terrace-like surface below and at the end of a north to south trending ridge. A drainage is located east of the terrace (see figure 5). There is considerable vegetation in the site area and numerous large granitic boulders are scattered over the site especially along the southern margins. Grinding features associated with food processing were present as were several other significant artifacts. These are described below:

1. A bedrock mortar 14 centimeters in diameter, 5 centimeters deep.
Unmodified marker rocks were located on the boulder;
2. Bedrock mortar (not measured) with associated potsherds;

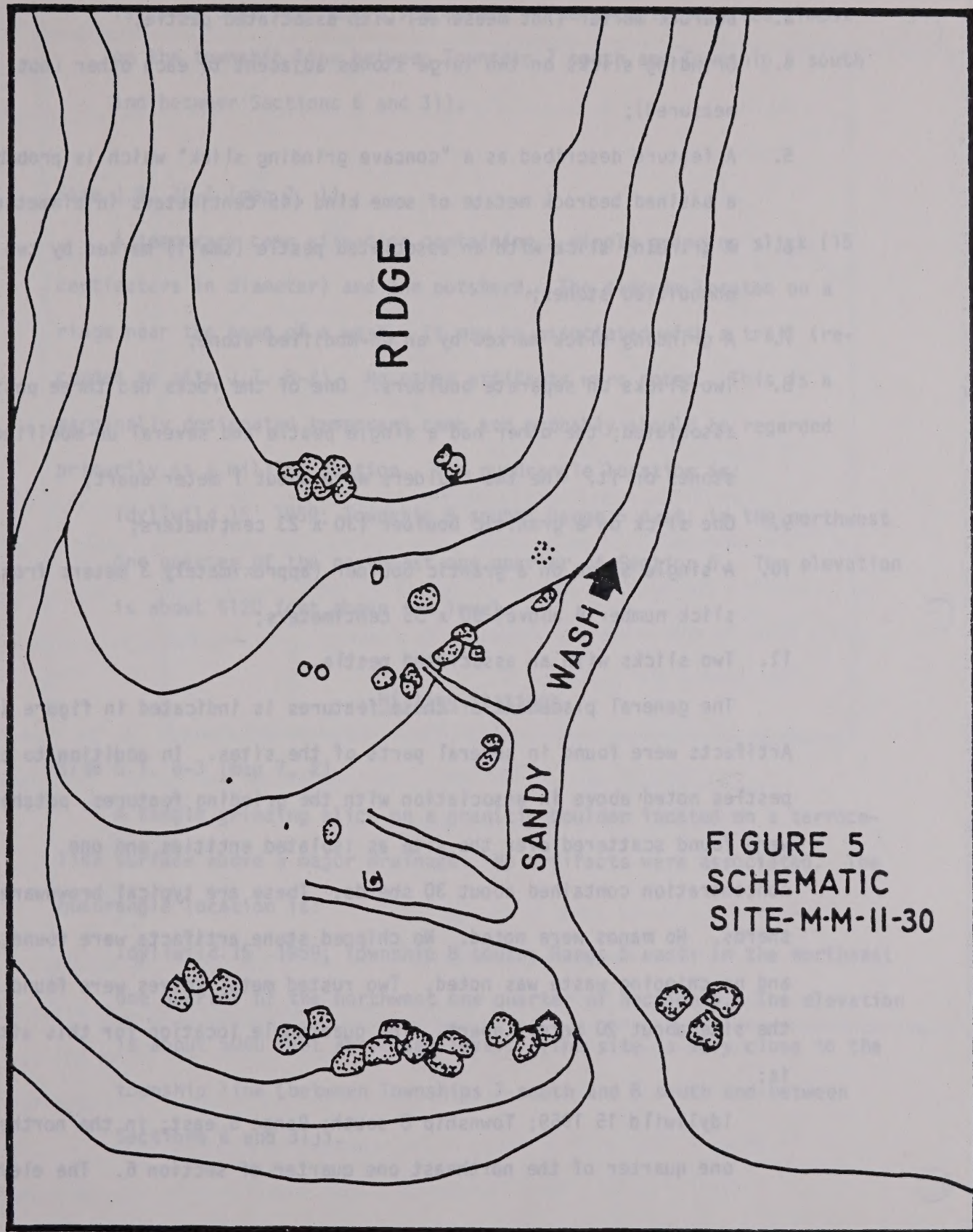


FIGURE 5
SCHEMATIC
SITE-M-M-II-30

3. Bedrock mortar (not measured) with associated pestle;
4. Grinding slicks on two large stones adjacent to each other (not measured);
5. A feature described as a "concave grinding slick" which is probably a basined bedrock metate of some kind (45 centimeters in diameter);
6. A grinding slick with an associated pestle (small) marked by two unmodified stones;
7. A grinding slick marked by an un-modified stone;
8. Two slicks on separate boulders. One of the rocks had three pestles associated; the other had a single pestle and several un-modified stones on it. The two boulders were about 1 meter apart;
9. One slick on a granitic boulder (30 x 23 centimeters);
10. A single slick on a granitic boulder (approximately 3 meters from slick number 9 above) 50 x 35 centimeters;
11. Two slicks with an associated pestle.

The general placement of these features is indicated in figure 5. Artifacts were found in several parts of the sites. In addition to the pestles noted above in association with the grinding features, potsherds were found scattered over the site as isolated entities and one concentration contained about 30 sherds. These are typical brownware sherds. No manos were noted. No chipped stone artifacts were found, and no chipping waste was noted. Two rusted metal knives were found on the site about 20 meters apart. The quadrangle location for this site is:

Idyllwild 15 1959; Township 8 south; Range 5 east; in the northeast one quarter of the northeast one quarter of section 6. The elevation

is about 5040 feet above sea level. (The site is situated almost on the township line between Township 7 south and Township 8 south and between Sections 6 and 31).

Site J.R. 30-1 (map 7, 1)

A temporary camp situation containing a single grinding slick (15 centimeters in diameter) and one potsherd. The site is located on a ridge near the head of a wash. It may be associated with a trail (recorded as site J.T. 8-2). No other artifacts were noted. This is a marginally designated temporary camp and probably should be regarded primarily as a milling station. The quadrangle location is:

Idyllwild 15' 1959; Township 8 south; Range 5 east; in the northwest one quarter of the northeast one quarter of Section 6. The elevation is about 5120 feet above sea level.

Milling Stations

Site G.T. 8-3 (map 7, 2)

A single grinding slick on a granitic boulder located on a terrace-like surface above a major drainage. No artifacts were associated. The quadrangle location is:

Idyllwild 15' 1959; Township 8 south; Range 5 east; in the northeast one quarter of the northwest one quarter of Section 6. The elevation is about 5040 feet above sea level. (The site is very close to the township line [between Townships 7 south and 8 south and between Sections 6 and 31]).

Site J.R. 30-2 (map 7, 6)

A single grinding slick on a terrace-like surface with two associated manos. The slick is about 12 inches in diameter; the manos are roughly pear-shaped and about 7 inches long. The quadrangle location is:

Idyllwild 15' 1959; Township 8 south; Range 5 east; in the southeast one quarter of the northeast one quarter of Section 6. The elevation is about 5460 feet above sea level.

Roasting Pits

Site J.M. 11-3-2 (map 7, 8)

A single roasting pit marked by scattered fire altered rock, ash and charcoal. It is located on a terrace-like surface adjacent to a wash. The surface itself is generally flat, but is rocky. The burned area is approximately 3 meters in diameter. No artifacts were noted.

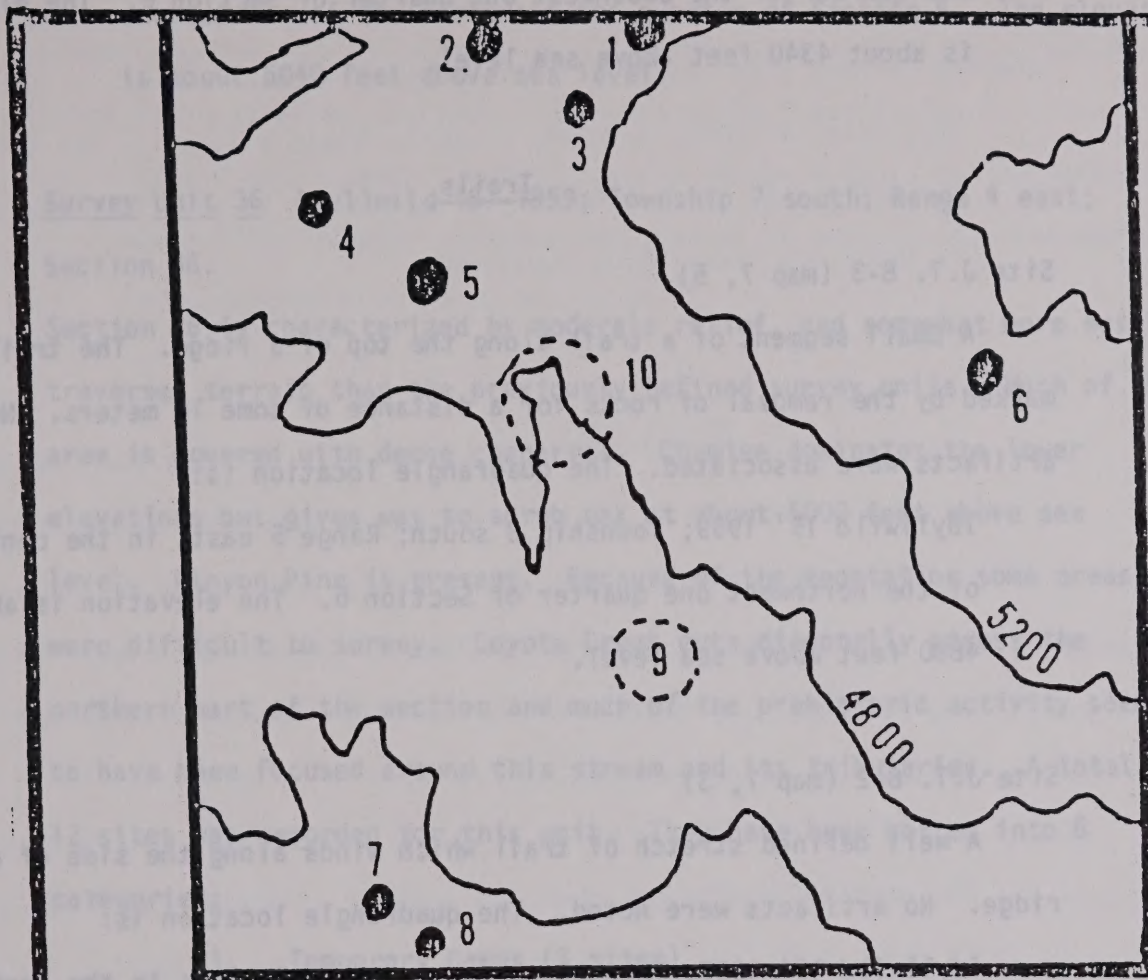
The quadrangle location is:

Idyllwild 15' 1959; Township 8 south; Range 5 east; in the southwest one quarter of the southwest one quarter of Section 6. The elevation is about 4240 feet above sea level.

Site J.M. 11-3-3 (map 7, 7)

A single roasting pit located on a small terrace-like surface adjacent to a shallow sandy wash. Several large boulders are situated in the same general area (a possible bedrock mortar was noted but no other artifacts or features were present in the area). The roasting pit is about 3 meters in diameter. The quadrangle location is:

Idyllwild 15' 1959; Township 8 south; Range 5 east; in the southwest



MAP 7
SURVEY UNIT 6

1320 FT

● SITES
○ EXTENDED SITE AREA



one quarter of the southwest one quarter of Section 6. The elevation is about 4340 feet above sea level.

Trails

Site J.T. 8-3 (map 7, 5).

A small segment of a trail along the top of a ridge. The trail is marked by the removal of rocks for a distance of some 14 meters. No artifacts were associated. The quadrangle location is:

Idyllwild 15' 1959; Township 8 south; Range 5 east; in the center of the northwest one quarter of Section 6. The elevation is about 4880 feet above sea level.

Site J.T. 8-2 (map 7, 3)

A well defined stretch of trail which winds along the side of a ridge. No artifacts were noted. The quadrangle location is:

Idyllwild 15' 1959; Township 8 south; Range 5 east; in the northeast one quarter of the northwest one quarter of Section 6. The elevation is about 5040 feet above sea level.

Isolated Finds

Site J.M. 11-30-1 (map 7, 4)

A single quartz flake with evidence of re-working found on a ridge. Several un-modified quartz nodules were noted in the area. The quadrangle location is:

Idyllwild 15' 1959; Township 8 south, Range 5 east; in the northwest

one quarter of the northwest one quarter of Section 6. The elevation is about 5040 feet above sea level.

Survey Unit 36 Idyllwild 15' 1959; Township 7 south; Range 4 east; Section 36.

Section 36 is characterized by moderate relief, and somewhat more easily traversed terrain than the previously defined survey units. Much of the area is covered with dense chaparral. Chamise dominates the lower elevations but gives way to scrub oak at about 5000 feet above sea level. Pinyon Pine is present. Because of the vegetation some areas were difficult to survey. Coyote Creek cuts diagonally across the northern part of the section and much of the prehistoric activity seems to have been focused around this stream and its tributaries. A total of 12 sites was recorded for this unit. They have been sorted into 5 categories:

1. Temporary Camps (3 sites)
2. Milling Stations (3 sites)
3. Shelter (1 site)
4. Pottery Concentration (1)
5. Isolated Finds (4)

Temporary Camps

Site G.T. 8-2 (map 8, 9)

A scatter of brownware sherds associated with mano fragments, and a possible drill. The site is located on the northerly side of a major drainage located in Section 1 to the south. The manos include one complete uniface made of granitic rock, 2 unifacial fragments made of granitic rock, and one non-diagnostic fragment. A single flaked quartz

tool may be a drill. No portable metates or slicks were noted and no bedrock mortars were present. The quadrangle location is:

Idyllwild 15' 1959; Township 7 south; Range 4 east; in the southeast one quarter of the southeast one quarter of section 36. The elevation is about 5040 feet above sea level.

Site J.T. 9-1 (map 8, 5)

A temporary camp location on a terrace-like surface overlooking Coyote Creek. The site is characterized by scattered artifacts and possible patches of midden. The artifacts recovered include three utilized flakes (quartz), a single brownware sherd, and a point base made of basalt. No milling tools were noted. The quadrangle location is:

Idyllwild 15' 1959; Township 7 south; Range 4 east; in the northwest one quarter of the northeast one quarter of section 36. The elevation is about 4880 feet above sea level.

Site J.T. 9-3 (map 8, 1)

A relatively large temporary camp area located at the junction of two drainages. The area is open and sandy and marked by several relatively large patches of midden. Artifacts noted here include pottery, chipping waste, and grinding tools. The pottery was predominately brownware and only one buff sherd was noted. Mano fragments were noted in several locations (not tabulated or measured). The chipping waste included two cores of a rhyolitic material, several flakes of the same rock, and a number of quartz flakes some of which may have been utilized. No bedrock

mortars or slicks were noted. A single historic artifact was also present on the site. This was an old metal bucket (metal not identified) found in an inverted position. The quadrangle location is:

Idyllwild 15' 1959; Township 7 south; Range 4 east; in the northeast one quarter of the northwest one quarter of Section 36. The elevation is about 4880 feet above sea level.

Milling Stations

Site J.M. 11-9-2 (map 8, 3)

A single bedrock mortar on a granitic boulder located on a small ridge. The mortar itself is 16 centimeters in diameter and 4 centimeters deep. A heavy pestle modified on one end with possible wear on one side was associated. No other artifacts were noted. The quadrangle location is:

Idyllwild 15' 1959; Township 7 south; Range 4 east; in the southwestern one quarter of the northwestern one quarter of Section 36. The elevation is about 4960 feet above sea level.

Site J.M. 11-9-3 (map 8, 12)

A single metate on a fairly large granitic boulder located on a terrace-like surface at the base of an east to west trending ridge. The grinding basin is about 40 centimeters in diameter and 7 centimeters in depth. Two pestle-like stones were associated. One of these had a battered end and possible use on one edge. The other is a round flat, mano-like artifact with evidence of grinding or wear on some 3/4 of its edge. The diameter of the second artifact is about 120 mm. The stone

is granitic. The basin and the boulder on which it sets are quite weathered. No other artifacts were noted. The quadrangle location is:

Idyllwild 15' 1959; Township 7 south; Range 4 east; in the northwest one quarter of the southwest one quarter of Section 36. The elevation is about 4880 feet above sea level.

Site J.M. 11-9-4 (map 8, 11)

A single grinding slick on a low granitic boulder located on a flat portion of an eroded terrace-like feature. It is adjacent to a wash. The slick is about 25 centimeters in diameter. A pestle was found associated. This artifact was marked by evidence of batter around the edges. It was not ground. No other artifacts were noted. The quadrangle location is:

Idyllwild 15' 1959; Township 7 south; Range 4 east; in the southeast one quarter of the southwest one quarter of section 36. The elevation is about 4720 feet above sea level.

Shelter

Site G.T. 9-2 (map 8, 8)

A rock shelter composed of granitic boulders containing evidence of utilization. The shelter area is about 4 feet wide, 6 feet long and 5 feet high at the highest point. The ceiling appears to be fire blackened and there is a possibility of a midden or ash deposit within the shelter. This is difficult to tell without excavation since the floor is presently coated with a layer of decomposed granite. Portions of the area outside of the shelter contain evidence of burning. The surface around the

boulders contains chipping waste and occasional pot sherds. The chipping waste is mostly quartz and the pottery is a red-brownware not untypical of the area at large. A boulder with weathered grinding surfaces is located some 20 meters west of the shelter. A single mano was associated, along with a cobble with a battered end. No other artifacts were noted in either locus. The quadrangle location is:

Idyllwild 15' 1959; Township 7 south; Range 4 east; in the northwest one quarter of the southwest one quarter of section 36. The elevation is about 4880 feet above sea level.

Pottery Concentration

Site G.T. 9-1 (map 8, 2)

A concentration of brownware sherds in an area about 1 meter in diameter. The concentration is located on a terrace-like surface overlooking a small drainage. The sherds were not counted. No other artifacts were noted. Isolated aggregates of potsherds are not uncommon in the desert, and are almost certain to be the result of an accidental dropping of a single pottery vessel. They are often associated with trails, and sometimes if clearly isolated, have the potential for at least partial reconstruction. The quadrangle location here is:

Idyllwild 15' 1959; Township 7 south; Range 4 east; in the northwest one quarter of the northwest one quarter of Section 36. The elevation is about 4880 feet above sea level.

Isolated Finds

Site J.M. 11-8-1 (map 8, 7)

Two isolated potsherds located on a wide flat terrace-like feature at the base of a ridge some 20 feet or so above Coyote Creek. No other artifacts or features were noted. The quadrangle location is:

Idyllwild 15' 1959; Township 7 south; Range 4 east; in the southeast one quarter of the northeast one quarter of Section 36. The elevation is about 4960 feet above sea level.

Site J.M. 11-9-1 (map 8, 6)

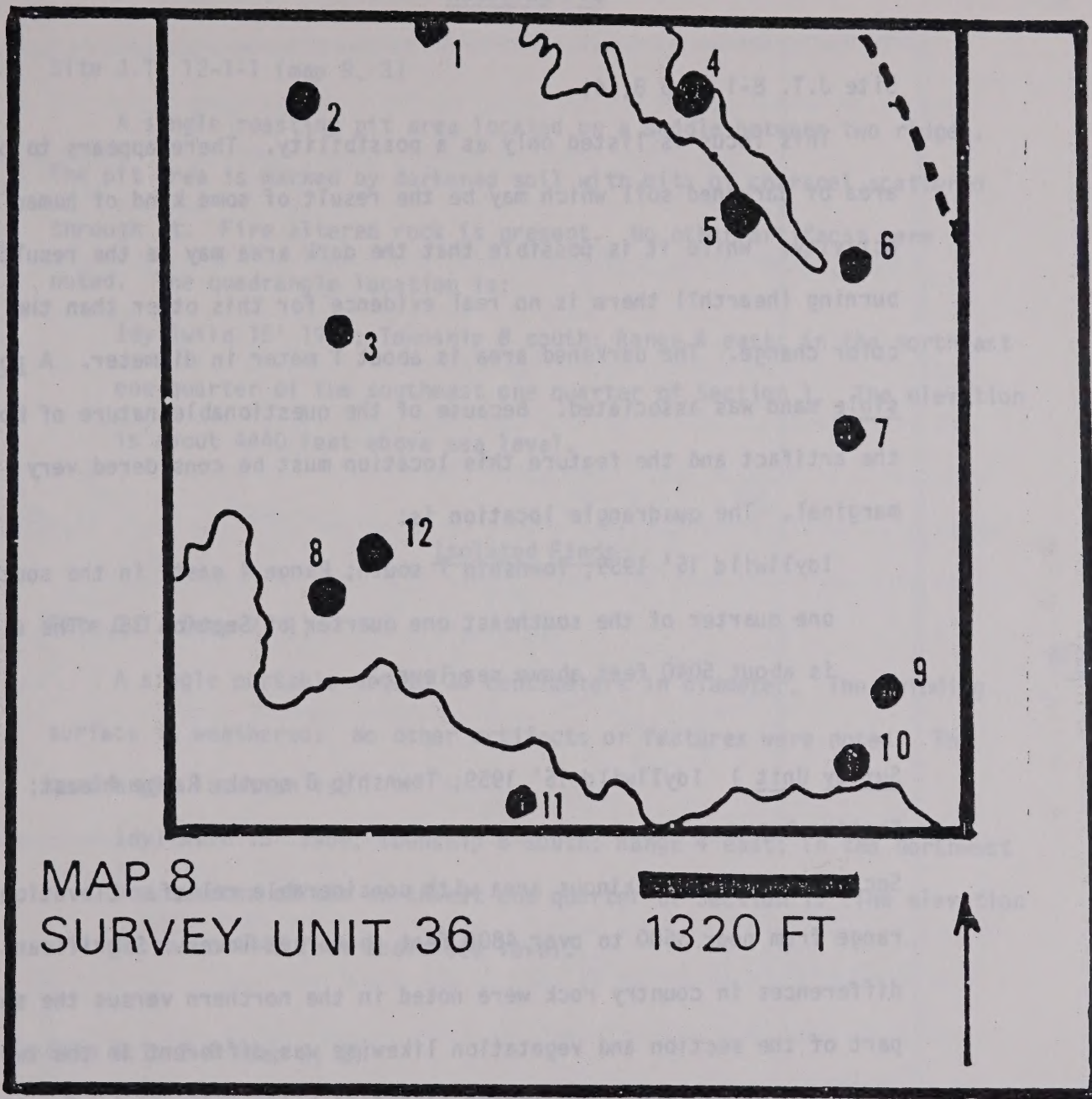
A bedrock mortar on the side of a granitic boulder in the bed of Coyote Creek. The mortar basin is 13 centimeters in diameter and 6 centimeters deep. It is almost certain that the boulder has fallen from the creek bank due to erosion, and that it originally was located elsewhere. No artifacts were associated. The quadrangle location is:

Idyllwild 15' 1959; Township 7 south; Range 4 east; in the southeast one quarter of the northeast one quarter of Section 36. The elevation is about 4720 feet above sea level.

Site G.T. 8-1 (map 8, 10)

A single chert projectile point found on the southern edge of Vandeventer flat above Coyote Creek. The point is triangular with a very slightly concave base. It is about 20 mm long. The quadrangle location is:

Idyllwild 15' 1959; Township 7 south; Range 4 east; in the northwest one quarter of the northeast one quarter of Section 36. The elevation



is about 4800 feet above sea level.

Site J.T. 8-1 (map 8, 4)

This locus is listed only as a possibility. There appears to be an area of darkened soil which may be the result of some kind of human activity. While it is possible that the dark area may be the result of burning (hearth?) there is no real evidence for this other than the color change. The darkened area is about 1 meter in diameter. A possible mano was associated. Because of the questionable nature of both the artifact and the feature this location must be considered very marginal. The quadrangle location is:

Idyllwild 15' 1959; Township 7 south; Range 4 east; in the southeast one quarter of the southeast one quarter of Section 36. The elevation is about 5040 feet above sea level.

Survey Unit 1 Idyllwild 15' 1959; Township 8 south; Range 4 east; Section 1.

Section 1 is a mountainous area with considerable relief. Elevations range from near 3600 to over 4800 feet above sea level. Significant differences in country rock were noted in the northern versus the southern part of the section and vegetation likewise was different in the two parts of the section. The latter condition being primarily a function of differences in elevation.

Three sites were recorded in this section:

1. Roasting Pits (1)
2. Isolated Finds (2)

Roasting Pit

Site J.T. 12-1-1 (map 9, 3)

A single roasting pit area located on a saddle between two ridges. The pit area is marked by darkened soil with bits of charcoal scattered through it. Fire altered rock is present. No other artifacts were noted. The quadrangle location is:

Idyllwild 15' 1959; Township 8 south; Range 4 east; in the northeast one quarter of the southeast one quarter of Section 1. The elevation is about 4440 feet above sea level.

Isolated Finds

Site G.T. (map 9, 1)

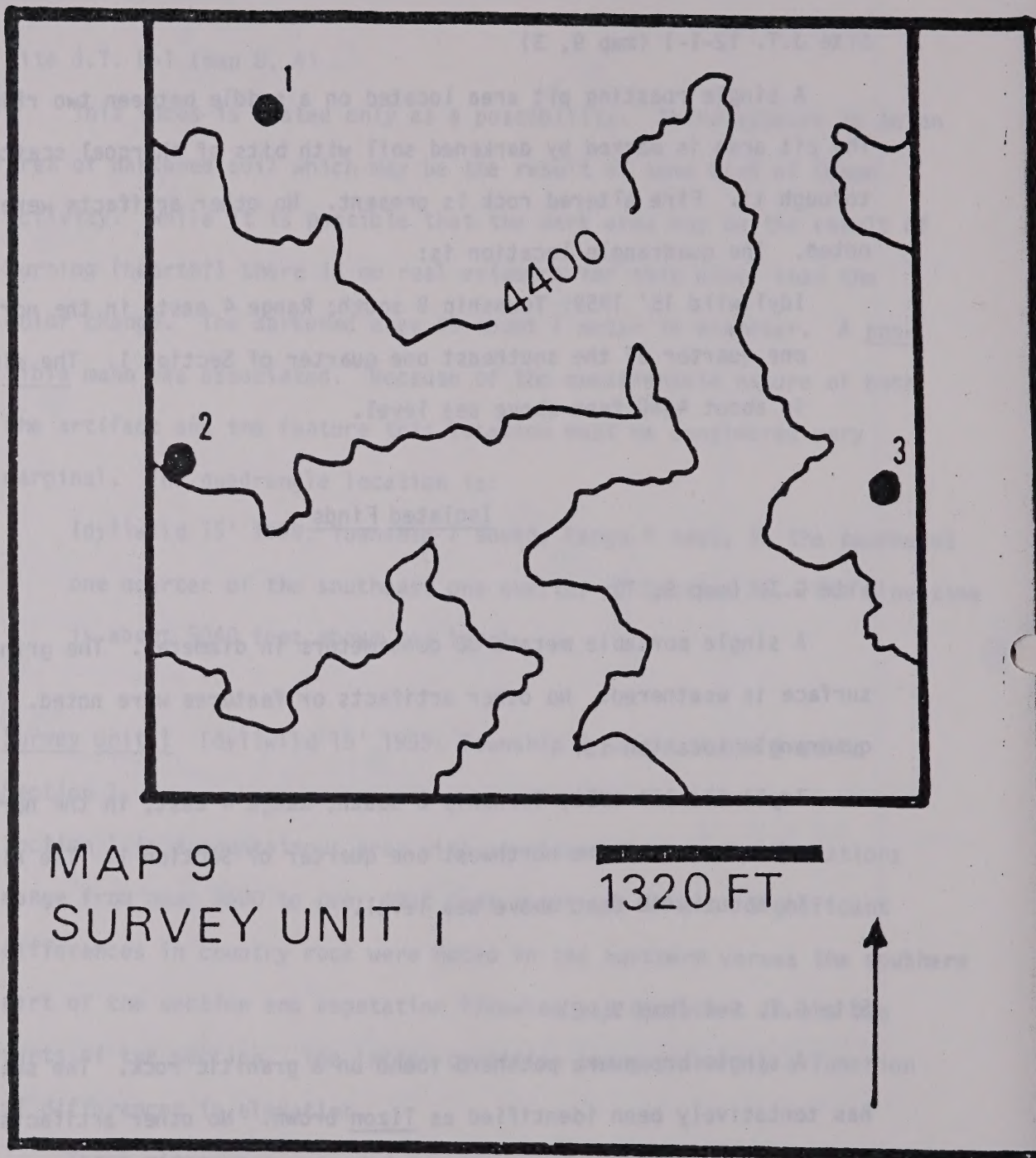
A single portable metate 30 centimeters in diameter. The grinding surface is weathered. No other artifacts or features were noted. The quadrangle location is:

Idyllwild 15' 1959; Township 8 south; Range 4 east; in the northwest one quarter of the northwest one quarter of Section 1. The elevation is about 4440 feet above sea level.

Site G.T. 9-4 (map 9, 2)

A single brownware potsherd found on a granitic rock. The sherd has tentatively been identified as Tizon brown. No other artifacts or features were noted in the area. The quadrangle location is:

Idyllwild 15' 1959; Township 8 south; Range 4 east; in the northwest one quarter of the southwest one quarter of Section 1. The elevation



is about 4010 feet above sea level.

The relative dearth of sites in Survey Unit 1 is attributed to the very rugged terrain and a general lack of water resources.

Survey Unit 31 Idyllwild 15' 1959; Township 8 south; Range 5 east; Section 31.

Section 31 is privately owned and the sites recorded here were located in transit while the survey crew was working its way to Section 1, 36, and 6. Elevations in Section 31 range from close to 5000 to almost 6000 feet above sea level. The surveys were confined to the lower elevations in the southwestern corner of the section (the area south and west of Coyote Creek). Two sites were recorded.

1. Temporary Camps (1)
2. Milling Station (1)

Temporary Camp

Site G.T. 30-1 (map 10, 2)

A temporary camping location situated on a terrace-like surface and portions of the ridge above the terrace along the south side of Coyote Creek. Some midden may be present. The site includes several features and artifacts. Two bedrock mortars are present. One is located on the lower part of the site (on the flat adjacent to the creek). It is 8 centimeters deep and had an associated pestle. The second mortar is on the ridge above the flat. No measurements were taken for the second mortar. Eight slicks were located on the upper part of the site and three were noted on the lower surface. A pestle was associated with the

mortar on the lower site area, and 1 mano was noted on the upper part of the site. Occasional bits of chipping waste were noted on the lower site area. Brownware potsherds were present on both levels. The quadrangle location for this site is:

Idyllwild 15' 1959; Township 7 south; range 5 east; in the southwest one quarter of the southeast one quarter of Section 31. The elevation is about 5120 to 5200 feet above sea level.

Milling Stations

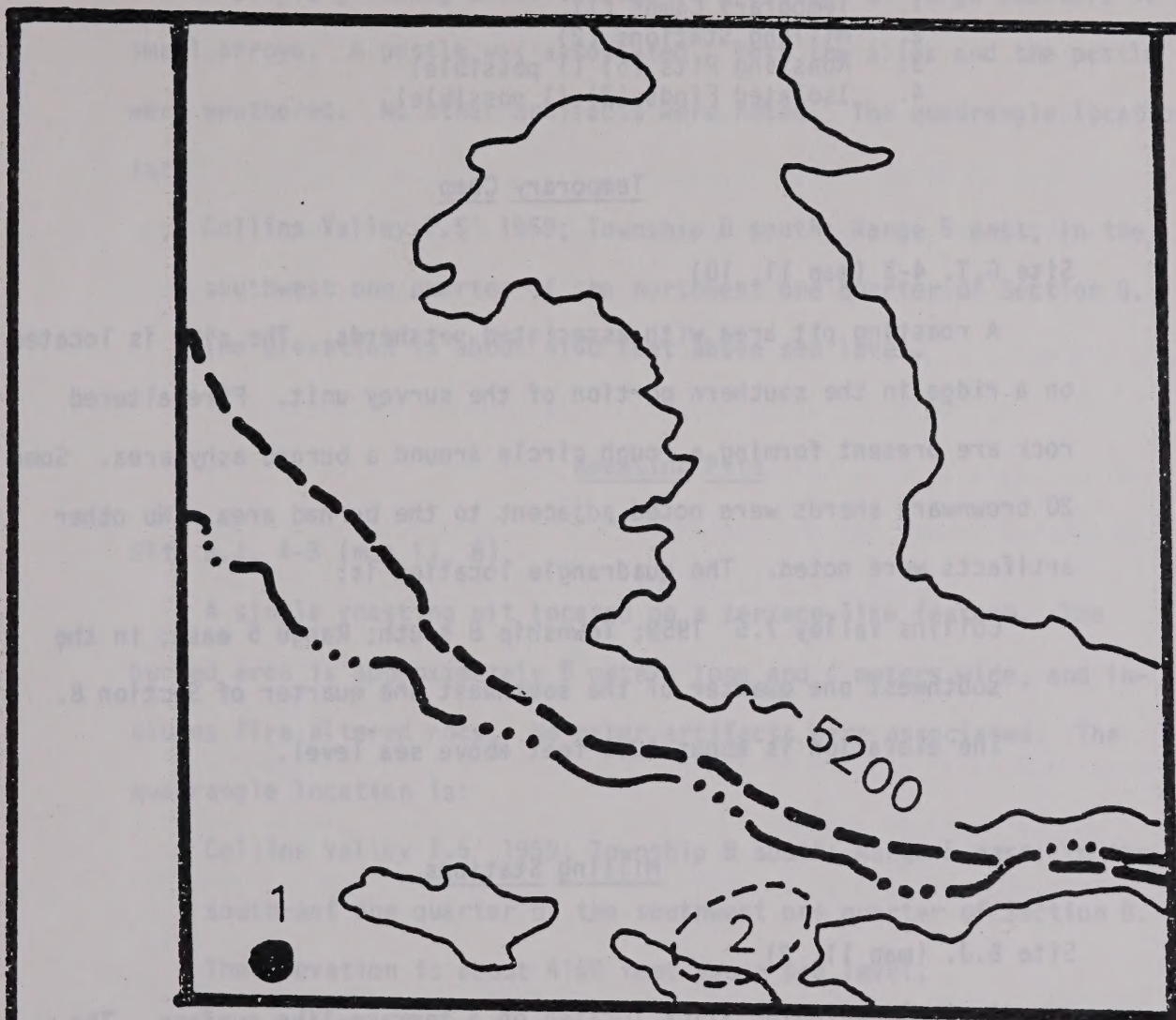
Site J.T. 8-4 (map 10, 1)

A single grinding slick on a ridge some 400 feet above a major drainage. A unifacial mano was associated. No other artifacts were noted. The quadrangle location is:

Idyllwild 15' 1959; Township 7 south; Range 5 east; in the southwestern one quarter of the southwestern one quarter of Section 31. The elevation is about 5040 feet above sea level.

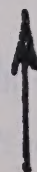
Survey Unit 8 Collins Valley 7.5' 1959; Township 8 south; Range 5 east; Section 8.

The survey unit here is located in the mountains northeast of Horse Canyon and on the northerly side of the easternmost extension of White Wash. The western portion of the section appears to be an extensive colluvial valley dissected by numerous washes. The eastern portion consists of rugged mountain terrain. Elevations within the survey unit range from near 3900 to some 5600 feet above sea level. A total of 10 sites was recorded for this survey unit. There have been categorized as



MAP 10
SURVEY UNIT 31

1320 FT



follows:

1. Temporary Camps (1)
2. Milling Stations (2)
3. Roasting Pits (5) (1 possible)
4. Isolated Finds (2) (1 possible)

Temporary Camp

Site G.T. 4-3 (map 11, 10)

A roasting pit area with associated potsherds. The site is located on a ridge in the southern portion of the survey unit. Fire altered rock are present forming a rough circle around a burned ashy area. Some 20 brownware sherds were noted adjacent to the burned area. No other artifacts were noted. The quadrangle location is:

Collins Valley 7.5' 1959; Township 8 south; Range 5 east; in the southwest one quarter of the southwest one quarter of Section 8.

The elevation is about 4000 feet above sea level.

Milling Stations

Site B.J. (map 11, 2)

A single grinding slick located on a terrace-like surface. The slick itself was on a rock adjacent to a large boulder. No artifacts were noted. The quadrangle location is:

Collins Valley 7.5' 1959; Township 8 south; Range 5 east; in the northwestern one quarter of the northwestern one quarter of Section

8. The elevation is about 4480 feet above sea level.

Site J.M. 11-4-1 (map 11, 4)

A single grinding slick located in a cluster of large boulders in a small arroyo. A pestle was associated. Both the slick and the pestle were weathered. No other artifacts were noted. The quadrangle location is:

Collins Valley 7.5' 1959; Township 8 south; Range 5 east; in the southwest one quarter of the northwest one quarter of Section 8.

The elevation is about 4160 feet above sea level.

Roasting Pits

Site B.J. 4-3 (map 11, 8)

A single roasting pit located on a terrace-like feature. The burned area is approximately 5 meters long and 4 meters wide, and includes fire altered rock. No other artifacts were associated. The quadrangle location is:

Collins Valley 7.5' 1959; Township 8 south; Range 5 east; in the southeast one quarter of the southwest one quarter of Section 8.

The elevation is about 4160 feet above sea level.

Site B.J. 4-4 (map 11, 9)

A single roasting pit located on a terrace-like surface within a canyon. The burned area is about 4 meters in diameter and has fire altered rock in association. No other artifacts were noted. The quadrangle location is:

Collins Valley 7.5' 1959; Township 8 south; Range 5 east; in the southeast one quarter of the southwest one quarter of Section 8.

The elevation is about 4040 feet above sea level.

Site G.T. 4-2 (map 11, 7)

A probable roasting pit located on a low terrace-like surface on the north side of a ridge. The location is marked by black soil and appears to have fire altered rock associated. There is no obvious ash, however, and the amount of fire altered rock is less than would generally be expected in a site like this. No other artifacts were noted and the site is listed as a "probable." The quadrangle location is:

Collins Valley 7.5' 1959; Township 8 south; Range 5 east; in the northeast one quarter of the southeast one quarter of Section 8.
The elevation is about 4320 feet above sea level.

Site K.M. 4-1 (map 11, 6)

A roasting pit feature located on a flat portion of an east to west trending ridge. The burned area is about 2 meters in diameter and includes ash and charcoal. No artifacts were noted. The quadrangle location is:

Collins Valley 7.5 1959; Township 8 south; Range 5 east; in the northwest one quarter of the southwest one quarter of Section 8.
The elevation is about 4280 feet above sea level.

Site J.M. 11-4-2 (map 11, 5)

A single roasting pit located near the base of a ridge on a fairly level terrace-like surface. A small gulley cuts through the roasting pit feature. The pit itself is marked by blackened soil, charcoal and

scattered fire altered rock. No artifacts were associated. The quadrangle location is:

Collins Valley 7.5' 1959; Township 8 south; Range 5 east; in the southeast one quarter of the northwest one quarter of Section 8.

The elevation is about 4520 feet above sea level.

Isolated Finds

Site G.T. 4-1 (map 11, 1)

Two potsherds found on a ridge of alluvium. No other artifacts or features were noted. The quadrangle location is:

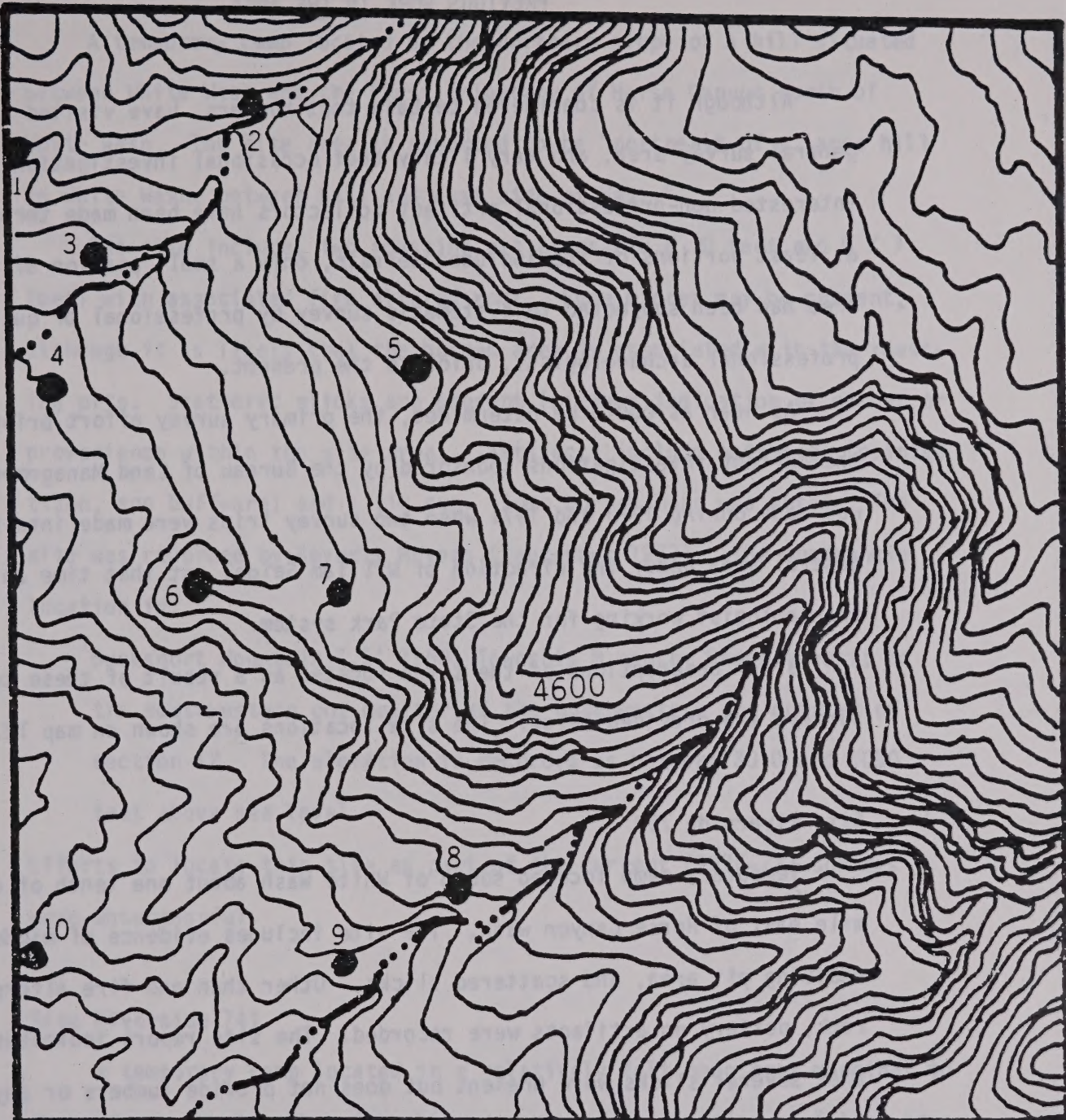
Collins Valley 7.5' 1959; Township 8 south; Range 5 east; in the northwest one quarter of Section 8. The elevation is about 4380 feet above sea level.

Site J.T. 4-1 (map 11, 3)

A possible mano fragment found perched on a boulder in a small wash. No other artifacts were noted and no evidence of a grinding feature could be found in the area. The quadrangle location is:

Collins Valley 7.5' 1959; Township 8 south; range 5 east; in the northwest one quarter of the northwest one quarter of Section 8. The elevation is about 4240 feet above sea level.

Re-examination of the village site (G.T. 12-1-1) suggests that perhaps it is best seen as a major temporary camp. Areas identified as possible midden during the initial survey are now considered likely to be extensive burned areas associated with roasting pit activities.



MAP II
SURVEY UNIT 8

1320 FEET



PREVIOUS WORK IN THE AREA

Although it is considered certain that hunters, have visited the general survey area, and very likely that occasional investigations by interested non-professional artifact collectors have been made through at least portions of the included terrain, only a small portion of the area had been subjected to systematic survey by professional or quasi-professional archaeologists, prior to the present.

As near as could be determined, the primary survey effort prior to the current investigations sponsored by the Bureau of Land Management, was made during 1973 and 1974 when two survey trips were made into the general area under the direction of William Seidel, at that time an archaeologist working for the State Park system.

Brief descriptions of the sites located as a result of these two surveys are provided below. The site locations are shown on map 12.

Site Riverside 739

Temporary camp located south of White Wash about one tenth of a mile east of Horse Canyon wash. The site includes evidence of midden, a roasting pit area, and scattered slicks. Other than and fire altered rock, pottery no artifacts were recorded. The site report indicates that several slicks were present but does not provide numbers or any indication of provenience within the site. The site was recorded by Beverly Myers (September 1973). The quadrangle location is:

Bucksnort Mountain 7.5' 1960; Township 8 south; Range 4 east; in the northeast one quarter of the northeast one quarter of section 14. The elevation is about 2880 to 2900 feet above sea level.

Site Riverside 740

A temporary camp located on the northern slope of a hill situated between White Wash and the first tributary of Horse Canyon north of White Wash. The site area is reported to be "northeast of a large hill in White Wash, between hill and east side of Wash."

The site includes two roasting pit areas (20 X 20 feet and 8 X 7 feet) with associated fire altered rock. Some midden may be present, although it is likely that the burned area is associated with the roasting pits. Scattered slicks are present (without indication of number or provenience within the site area). Artifacts include potsherds (painted tizon, and buffware) and a tin cup. Some burned bone was noted. The site was recorded by Beverly Meyers (September 1973). The quadrangle location is:

Bucksnot Mountain 7.5' 1960; Township 8 south; Range 4 east; in the southwestern one quarter of the northwestern one quarter of section 12. The elevation is recorded as between 3010 and 3050 feet above sea level.

Efforts to locate this site as part of the current (1976-77) surveys were unsuccessful.

Site Riverside 741.

A temporary camp located in a relatively flat open area marginal to Horse Canyon Wash. The site sheet describes the location as "along edge of White Wash and Horse Canyon Wash, in large flat - north of major wash of White Wash" sic. If the map location is correct, however, the site is some distance (ca seven tenths of a mile) from White Wash proper. The site includes a roasting pit with fire altered rock, two possible midden areas, two mortars and 1 slick. Artifacts include (in addition

to the fire altered rock, potsherds [unidentified as to ware]), one quartz point (not identified as to type). Some burned bone was noted. The site was recorded in September 1973 by Beverly Meyers. The quadrangle location is:

Bucksnot Mountain 7.5' 1960; Township 8 south; range 4 east; in the southeastern one quarter of the northeastern one quarter of section 11. The elevation is given as 2940 to 2960 feet above sea level.

Site Riverside 742

Riverside 742 is a trail extending along the base of the hill which runs diagonally across section 12. It is described in the site sheet as located "along the northeast side of White Wash." This is not correct if the map location is accurate. Actually the location is north and east of a tributary wash draining into Horse Canyon Wash. This is a parallel drainage to the north of White Wash proper. No artifacts were noted in association. The site was reocrded by William C. Seidel and Beverly Meyers, in May 1974.

Reexamination of this area as part of the 1976-77 surveys failed to locate the trail as described.

The quadrangle location is:

Bucksnot Mountain 7.5' 1960; Township 8 south; Range 4 east; in the southeast one quarter of section 12. The elevation is recorded as 3200 to 3400 feet above sea level.

Site Riverside 743

Roasting pit on a ridge above White Wash. Burned area is about 6

feet in diameter (original site report indicates that this is possibly two cairns each about 3 feet in diameter). No artifacts were noted. The site was recorded by William Seidel and Beverly Meyers in May 1974. The quadrangle location is:

Bucksnot Mountain 7.5' 1960; Township 8 south; Range 5 east; in the southwest one quarter of the southwest one quarter of section 7. The elevation is about 3360 feet above sea level.

Site Riverside 744

Riverside 744 is a temporary camp on a ridge just north of White Wash. It includes a rock shelter, a roasting pit and scattered quartz chipping waste. The burned area is about 16 feet in diameter. The site was recorded by William Seidel and Beverly Meyers in May of 1974. The quadrangle location is:

Bucksnot Mountain 7.5' 1960; Township 8 south; Range 5 east; in the southwest one quarter of the southwest one quarter of section 7. The elevation is recorded as about 3500 feet above sea level.

Site Riverside 745

Riverside 745 is a trail located on the ridge that extends along the northeast side of White Wash. No artifacts were noted. The site was recorded by William Seidel in May 1974. The quadrangle location is:

Bucksnot Mountain 7.5' 1960; Township 8 south; Range 4 east; in the southwestern one quarter of the south western one quarter of section 7. The elevation is recorded as 3200 to 4000 feet above sea level. Location data here taken from map.

Site Riverside 746

This site is described as a scatter of pottery along a trail. It is likely that the sherds are from a single pot (ware not described). The site location is described as being along a trail on the northeast side of White Wash. The location on the map puts the site on the southwestern side of White Wash suggesting an error somewhere in the system. Other than the pottery no artifacts were noted. The site was recorded by William Seidel and Beverly Meyers in May of 1974. The quadrangle location (based on map location) is:

Bucksport Mountain 7.5' 1960; Township 8 south; Range 5 east; in the northwest one quarter of the northwest one quarter of section 18. The elevation is given as about 3390 feet above sea level.

Site Riverside 747

A roasting pit located near a trail extending along a ridge northeast of White Wash. The burned area is about 23 feet long by 15 feet wide. No artifacts were noted. The site was recorded by William Seidel in May of 1974. The quadrangle location is:

Bucksport Mountain 7.5' 1960; Township 8 south; Range 5 east; in the southeast one quarter of the southwest one quarter of section 7. The elevation is given as 3700 feet above sea level.

Site Riverside 748

This site is described as three roasting pit areas located near a trail located along a ridge on the northeast side of White Wash. The burned areas were measured at 20 X 13, 15 X 13, and 10 X 10 respectively.

It is assumed that these measurements are given in feet. No artifacts were reported. The site was recorded by William Seidel in May of 1974.

The quadrangle location is:

Bucksnort Mountain 7.5' 1960; Township 8 south; Range 5 east; in the northeast one quarter of the northwest one quarter of section 18. The elevation for each burned area is estimated as 3700, 3750 and 3780 feet above sea level.

Site Riverside 749

Riverside 749 is a complex of four roasting pits located on a ridge just north of White Wash. The dimensions for the burned areas are given as follows 13 X 10, 13 X 10, 20 X 19, and 25 X 25 (since it is not stated on the site sheet, the assumption here is that the dimensions stated are in feet. No artifacts were noted. The survey was done by William Seidel in May of 1974. The quadrangle location is:

Bucksnort Mountain 7.5' 1960; Township 8 south; Range 5 east; in the northern one half of the northeastern one quarter of section 18. The elevation was recorded as 3900, 4020, 3725, and 3730 feet above sea level.

Site Riverside 750

The site here consists of two roasting pits located on a ridge on the northeastern side of White Wash. The dimensions of the burned areas are 10 X 10 and 20 X 23 (it is assumed that the dimensions are stated in feet). No artifacts were noted in association with these features. The site was recorded by William Seidel in May of 1974. The quadrangle location is:

Bucksnort Mountain 7.5' 1960; Township 8 south; Range 5 east; in the southeast one quarter of the southeast one quarter of section 7. The elevation is recorded as 4010 to 4020 feet above sea level.

Site Riverside 751

Two roasting pits located on a ridge on the northwest side of White Wash. The dimensions of the burned areas are 20 X 25, and 25 X 25 feet. No artifacts were noted. The site was recorded by William Seidel in May of 1974. The quadrangle location is:

Collins Valley 7.5' 1959; Township 8 south; Range 5 east; in the northwestern one quarter of the northwestern one quarter of section 17. The elevation is recorded as 3820 and 3880 feet above sea level.

Site Riverside 752

Riverside 752 is described as a grinding area with 3 "rubs," two slicks, and one "basin rub." The provenience of these features relative to one another and whether or not they are on separate boulders is not noted. The use of the term "rub" is unique (or at best unusual) and the exact nature of the described grinding surface is not clear. No dimensions are given. No artifacts were noted. The site was recorded by William Seidel and Beverly Meyers in May of 1974. The quadrangle location is:

Collins Valley 7.5; 1959; Township 8 south; Range 5 east; in the northwest one quarter of the northwest one quarter of section 17. The elevation is recorded as 3750 feet above sea level.

Site Riverside 753

Riverside 753 is described as an isolated slick with historic trash in the vicinity. It is located along the south fork of White Wash. No prehistoric artifacts were associated. The historic trash is clearly related to modern campers or hikers and consists of a coke can, a glass bottle, and samples of "Tasters Choice" coffee. No dimensions are given for the slick and no information is available relative to its immediate environs. The site was recorded by William Seidel and Beverly Meyers in May of 1974. The quadrangle location is:

Collins Valley 7.5; Township 8 south; Range 5 east; in the southeast one quarter of the northwest one quarter of section 17. The elevation is recorded as 3860 feet above sea level.

Site Riverside 754

Riverside 754 is described as two "hearth areas" located about 12 feet apart. One of the features is about 3 feet and the other about 4 feet in diameter. No artifacts were noted. The site is along the south fork of White Wash approximately one half mile from the north fork junction. The site was recorded by William Seidel and Beverly Meyers in May of 1974. The quadrangle location is:

Collins Valley 7.5' 1959; Township 8 south; Range 5 east; in the southeast one quarter of the northwest one quarter of section 17. The elevation is recorded as 3840 feet above sea level.

Site Riverside 755

Riverside 755 is described as a grinding site. It is probably better seen as a temporary camp. Ten slicks, 9 "basin slicks," and 2

mortars were noted, along with a roasting pit area, and possible midden. Buff and tizon pottery was noted along with a mano and quartz chipping waste. A trail crosses the site. The site was recorded by William Seidel and Beverly Meyers in May of 1974. It was noted at the time that the agave was ready for harvest in this locality. The quadrangle location is:

Collins Valley 7.5' 1959; Township 8 south; Range 5 east; in the northwest one quarter of the southeast one quarter of section 17. The elevation is recorded as 4180 feet above sea level.

Site Riverside 756

A roasting pit marked by very dark midden like deposit and evidence of fire altered rock, in association with something called "two rubs." It is assumed that this refers to an incipient or poorly developed grinding surface but this is speculative. The roasting pit area is 13 by 16 feet (?).

No dimensions were given for the "rubs." The site is located in a bowl-like saddle on a ridge. The site was recorded by William Seidel and Beverly Meyers in May 1974. The quadrangle location is:

Collins Valley 7.5' 1959; Township 8 south; Range 5 east; in the northwestern one quarter of the southeastern one quarter of section 17. The elevation is recorded as 4180 feet above sea level.

Site Riverside 757

A roasting pit located on a ridge. The burned area measures about 6 feet (?) in diameter. No artifacts were noted. The site was recorded by William Siedel and Beverly Meyers in May of 1974. The quadrangle

location is:

Collins Valley 7.5' 1959; Township 8 south; Range 5 east; in the northeast one quarter of the southwest one quarter of section 17. The elevation is recorded as 4220 feet above sea level.

Site Riverside 758

Riverside 758 consists of a pair of roasting pits located on a ridge overlooking White Wash. The burned areas measure 9 X 9 and 15 X 20 (feet ?). No artifacts were associated. The site was recorded by William Seidel and Beverly Meyers in May of 1974. The quadrangle location is:

Bucksnort Mountain 7.5' 1960; Township 8 south; Range 5 east; in the southwestern one quarter of the northwestern one quarter of section 18. (It is actually on the line between the southwestern quarter of the north western quarter and the southeastern quarter of the northwestern quarter. The elevation is recorded as 4140 and 4059 feet above sea level.

Site Riverside 759

A cluster of roasting pits located on a ridge overlooking White Wash. Ten roasting pits were identified in this cluster. Eight of these were measured with dimensions as follows: 20 X 20, 12 X 12, 8 X 8, 7 X 10, 5 X 7, 8 X 6 and 10 X 10. Presumably these measurements are in feet. No artifacts were noted in association. The site was recorded by William Seidel and Barbara Meyers in May of 1974. The quadrangle location is:

Bucksnort Mountain 7.5' 1960; Township 8 south; Range 4 east; in

the southeast one quarter of the northeast one quarter of section 13. The elevation of the various burned areas ranges from 3370 to 3930 feet above sea level.

Site Riverside 760

Riverside 760 is a roasting pit area with an associated "rub." The burned area is 25 X 27 feet. No dimension or provenience is provided for the "rub." No artifacts were noted. The site was recorded by William Seidel and Beverly Meyers in May of 1974. The quadrangle location is:

Bucksnot Mountain 7.5' 1960; Township 8 south; Range 4 east; in the northwestern one quarter of the northeastern one quarter of section 13. The elevation is recorded as 3450 feet above sea level.

Site Riverside 761

Site 761 consists of three roasting pits located on a ridge overlooking White Wash. The burned areas measure 17 X 20, 17 X 20, and 7 X 10 feet. The altered rock is associated but no other artifacts were noted. The site was recorded by William Seidel and Beverly Meyers in May of 1974. The quadrangle location is :

Bucksnot Mountain 7.5' 1960; Township 8 south; Range 4 east; in the northeast one quarter of the northwest one quarter of section 13. The elevation is recorded as 3160 to 3310 feet above sea level.

Site Riverside 762

Riverside 762 is a trail located on a ridge. No artifacts were associated. The site was recorded by William Seidel and Beverly Meyers in May of 1974. The quadrangle location is:

Collins Valley 7.5' 1960; Township 8 south; Range 5 east; in the southwest one quarter of section 8. The elevation is estimated as 4000 to 5200 feet above sea level.

DISCUSSION

A total of 94 sites was recorded as a result of the Anza Geothermal Exploration Project surveys. These were categorized as follows:

Villages

Temporary Camps

Milling Stations

Mescal Roasting Pits

Trails

Pottery Scatters

Isolated Finds

Historic Remains

The categories listed above were defined arbitrarily, but with generally the following criteria in mind:

Villages A substantial aggregate of features and/or artifacts with evidence of significant occupancy (duration) by more than one family sized group. It is assumed that such sites would have some evidence of soil alteration or midden as one of their basic characteristics.

Temporary Camps One or more features found in association with artifacts in contexts which suggest short term occupancy (seasonal) rather than task specific activities per se. In general it is assumed that midden will not be present, but there could be some evidence of soil alteration. Food processing features might be present (milling stones or cooking ovens). Such sites occupy less space and have fewer elements than villages, but have more than one kind of element in contrast to milling stations and roasting pits found in isolated contexts which are typically task specific.

Milling Stations A category that includes milling features (bedrock metates and mortars [including slicks] and portable metates and mortars) found in a more or less isolated context. Usually they are single slicks or mortars but may include multiple grinding surfaces on a boulder or outcropping and may include more than one rock. A key factor in the categorization is the absence of artifacts other than those associated with milling or other activities related to metates, slicks, or mortars, and the usual absence of evidence of activities other than food or fiber processing (i.e., no midden, no camp debris, no roasting pits, etc.).

Mescal Roasting Pits Typically this site category includes aggregates of fire altered rock, ash, charcoal and/or burned ground. It is assumed that such associations are related to roasting activities. Generally sites in this category are found in isolated contexts or situations not directly associated with other artifacts or features.

Trails This category is self explanatory and needs no additional definition

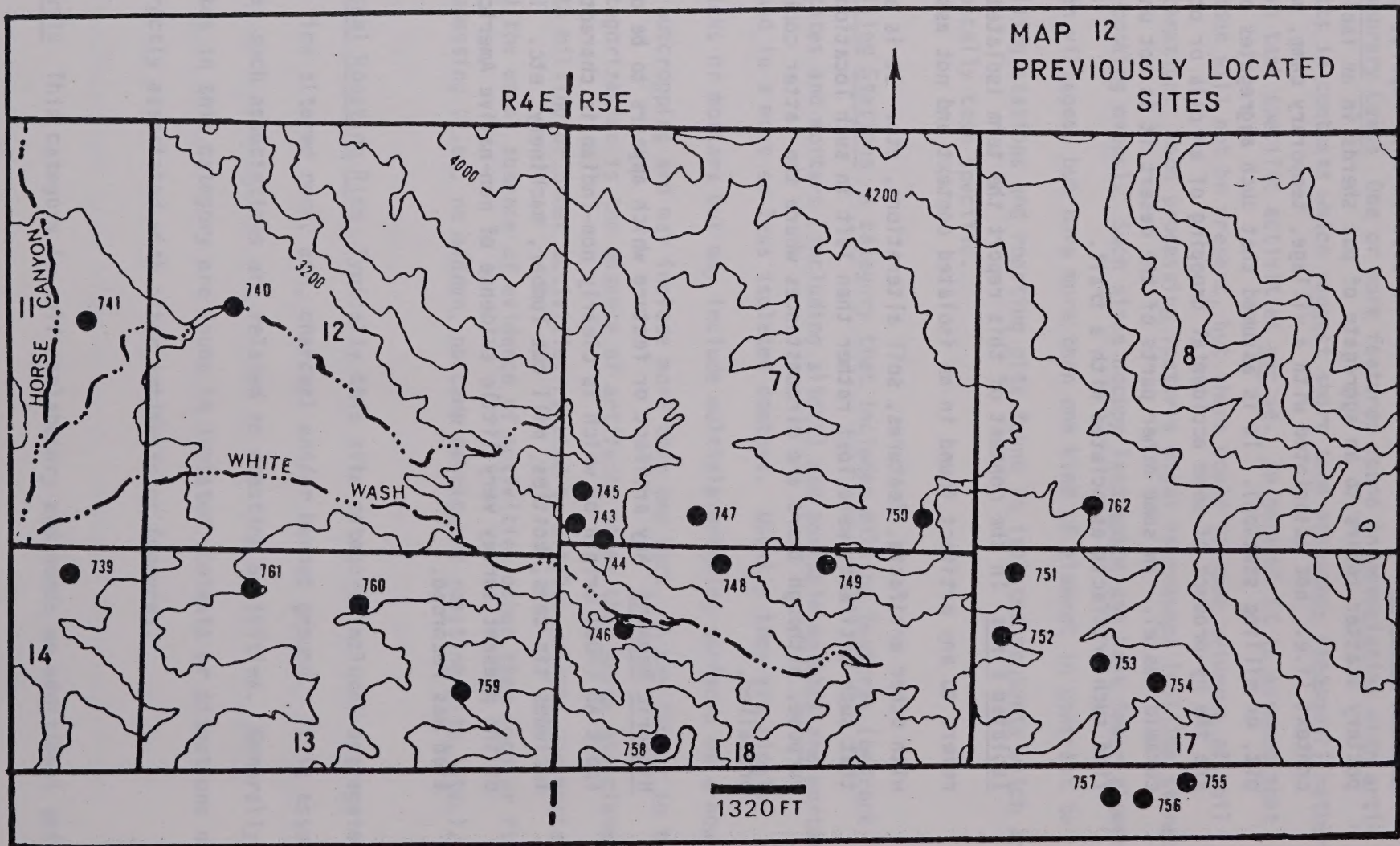
Pottery Scatters (or concentrations) As used in this report, the term pottery scatter refers to an aggregate of pot sherds in an isolated context (i.e., not associated with a village, temporary camp, mesquite pit, or milling station). It is assumed that such aggregates of sherds are the by-product of some accidental dropping of an olla or other ceramic vessel. In some other parts of the desert it is not unusual to find such artifacts associated with a trail.

Isolated Finds In the context of this report the term isolated finds refers to any artifact found in an isolated context and not associated with other artifacts, features, soil alterations, etc. It is assumed that such artifacts were lost rather than left in such locations on purpose, although there are circumstances where the latter could have prevailed.

Historic Remains Any artifact or feature which appears to be of modern (post AD 1700) origin or which is clearly non-Indian in character. This includes tin cans, bottles, mill cut lumber, machinery, etc. In context of the present survey very little evidence of non-native American utilization was recorded.

R4E | R5E

MAP 12
PREVIOUSLY LOCATED
SITES



IDENTIFICATION OF POTENTIAL NATIONAL REGISTER PROPERTIES

Decisions relative to National Register properties in the area of concern, are always difficult when dealing with small task specific sites, and to some degree even with somewhat more complex campsite areas.

The basis for this difficulty is twofold:

1. The sites are not (usually) in themselves unique and similar features (bedrock mortars or slicks) can be found (have been found) literally by the hundreds over a wide range of environmental and topographic circumstances throughout the desert and adjacent mountain regions;
2. Sites such as those located on the Anza Geothermal surveys, seldom have diggable deposits and thus the amount of additional information that can be recovered is minimal. With rare exception, artifacts are scarce and the dating potential is minimal or non-existent (given present techniques). In short, except for locational and site type information there seldom is any basis for further investigation of most of the kinds of sites found in these surveys.

A third factor which tends to minimize strong arguments for National Register nomination is the general lack of potential for the development of educational displays or study units. This is based in part on the nature of the sites, in part on their remote locations, and in part, on the fact that similar aggregates of sites can be found in various locations much closer to extant recreational centers and in places much more amenable for development as public displays.

With these qualifications in mind we would like to propose, for

your consideration, the nomination of Section 7 (Bucksnort Mountain 7.5' 1960; Township 8 south; Range 5 east), the easterly one half of Section 12 (Bucksnort Mountain 7.5' 1960; Township 8 south; Range 4 east), and Section 6; Township 8 south; Range 5 east) Idyllwild 15' as an archaeological district. The basis for this recommendation is as follows:

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1. The area includes a substantial range of environmental situations within a general desert context and the sites included probably represent a reasonable cross section or range of site types which cross cut a significant portion of the basic regional subsistence round;
2. Although the area is too isolated to be developed as a public display or educational unit, this same isolation has tended to protect the sites, and for the most part they are believed to be in generally undisturbed condition;
3. It is possible that the defined area may represent the space exploited by a definable social grouping (clan) of the Mountain Cahuilla.

Thus while we do not see any significant amount of data collecting potential in these sites from a traditional perspective, we do feel that there is in this aggregate of sites the basis for significant subsistence and settlement studies as these relate to a potentially definable social unit. The archaeology here, in conjunction with possible ethnographic data, might well be of considerable importance.

The boundaries of this proposed district are provided as approximations on a topographic map included as an appendix.

The basis for excluding the remainder of the survey territory from this nomination is simply lack of significant individual sites which

warrant nomination, and the generally scattered nature of these sites.

(The proposed district includes a wide range of site types over a variety of terrain features and quite concentrated aggregates of sites).

ENVIRONMENTAL IMPACT OF THE PROPOSED

ACTION

The project has been delayed and no specific Geothermal impact is pending for this district. Without knowing the nature of other possible future sources of impact it makes no sense to attempt to predict the effect such impact might have on the extant cultural resources.

MITIGATION RECOMMENDATIONS

No recommendations are made for mitigation. At this point, the only sensible procedure is to protect the resources as they now exist until the possibility of development seems eminent. Decisions relative to mitigation (if avoidance is impossible) should be made in conjunction with some specific impact in mind. How many wells are planned? Where? Where are the access roads going to be placed, etc.? Using the data generated by this survey, it should be possible to almost eliminate any impact and avoid any need for mitigation.

PREDICTED SENSITIVITY

Although one of us (DLT) tends to be unconvinced that sensitivity

maps and related discussions are of as much value as some planners seem to think (and in fact that they may be counterproductive in some circumstances), we offer the following as suggestions relative to the probable sensitivity of the survey area with respect to prehistoric occupancy and utilization.

Based on a general knowledge of desert situations and on several surveys made over similar terrain we propose that five levels of cultural sensitivity be considered.

Level five as defined here represents general desert terrain in which one might find evidence of utilization or occupancy but for which no real patterning can be identified. We see this as open land between washes, steep slopes, etc., and propose that evidence of utilization here would be quite random.

Level four is defined here as land or space located along ridges portions of alluvial fans, etc., where agave or similar plant resources are concentrated. The critical correlation here is with the plant resource rather than the topography although in many instances it is the ridges which are utilized as site locations. The location of sites (food processing stations) in such locales can be predicted albeit not with any great degree of reliability.

Level three is defined here as the areas immediately adjacent to and including major washes or drainages where some water flow is expected on an intermittent or seasonal basis. The frequency of sites in such locations is generally predictable even though their distribution may vary considerably within the designated zone.

Level two is defined as the space within the level three designation at the junctions of important drainages, and at the points where washes or

drainages emerge from steep canyons and open up onto alluvial fans or flats.

Level one is defined here as those locations adjacent to or near reliable (relatively permanent) water sources such as springs or running streams (both seasonal or perennial).

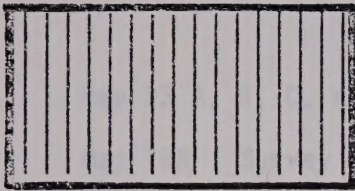
For the present survey only those areas identified as levels one, two and three will be considered. Maps 13 and 14 indicate the locations within the survey area which appear to fit these patterns.

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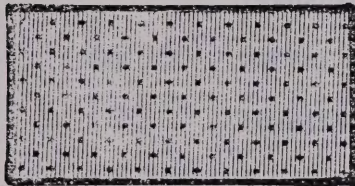
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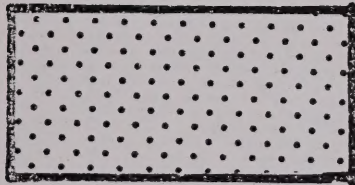
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LEVEL 1



LEVEL 2

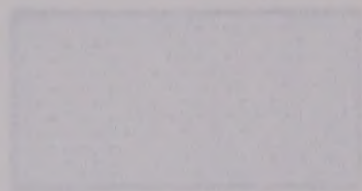


LEVEL 3

LEVEL 1



LEVEL 2



LEVEL 3



DATA SHEET FOR MAP 13

Map 13 A, B, C, and D.

Map 13A Survey Unit 12. Bucksnot Mountain $7\frac{1}{2}$ ' 1960;

Township 8 South; Range 4 East; Section 12.

Map 13B Survey Unit 7. Bucksnot Mountain $7\frac{1}{2}$ ' 1960;

Township 8 South; Range 5 East; Section 7.

Map 13C Survey Unit 8. Collins Valley $7\frac{1}{2}$ ' 1959;

Township 8 South; Range 5 East; Section 8.

Map 13D Survey Unit 18. Bucksnot Mountain $7\frac{1}{2}$ ' 1960;

Township 8 South; Range 5 East; Section 18.

MAP 13A

1320 FT

N

Map 13 A, B, C, and D.

Map 13A Survey Unit 15. Buckhorn Mountain 74' 1980;

Township 5 South; Range 4 East; Section 15.

Map 13B Survey Unit 7. Buckhorn Mountain 74' 1980;

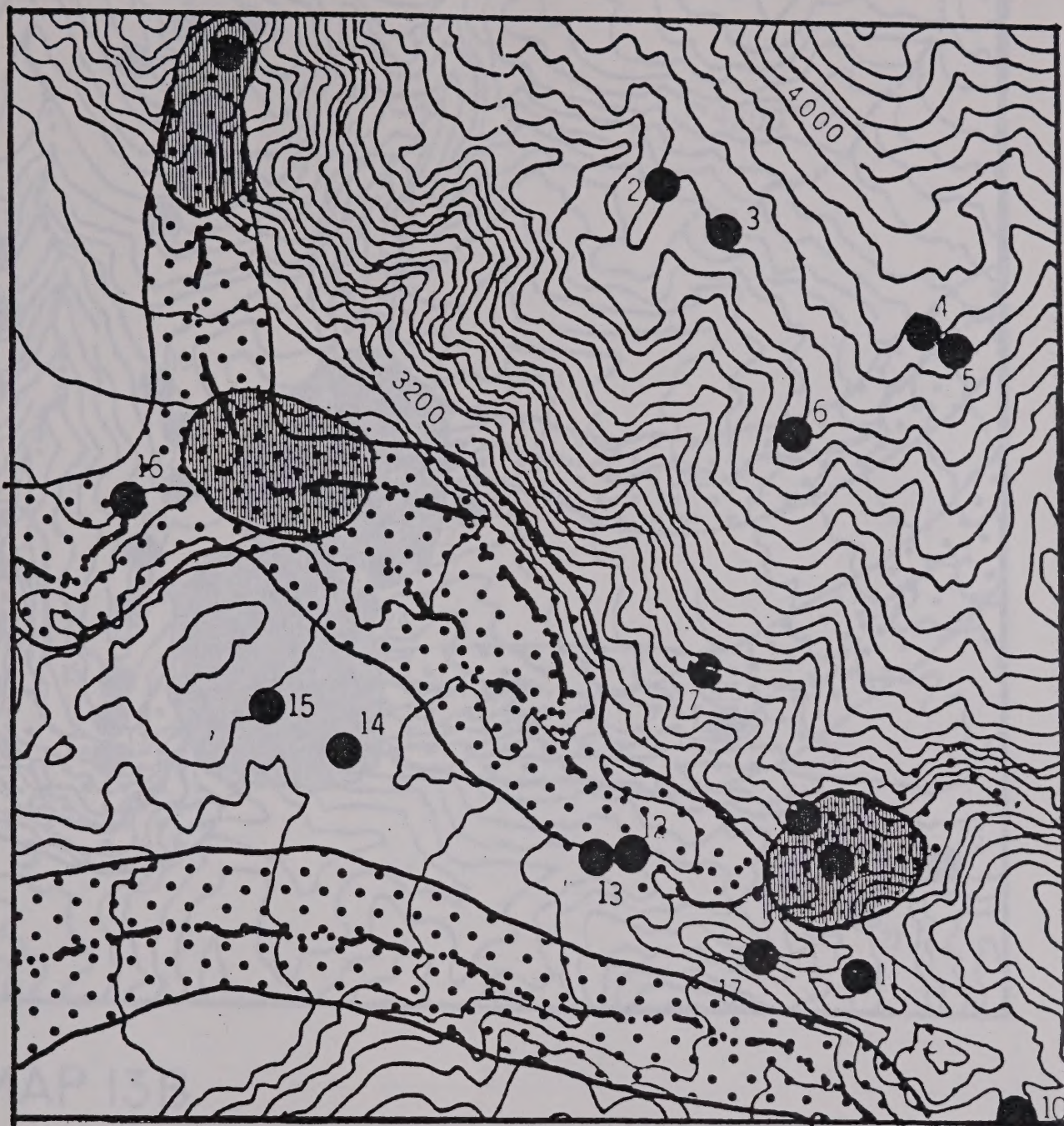
Township 5 South; Range 5 East; Section 7.

Map 13C Survey Unit 6. Collins Valley 74' 1980;

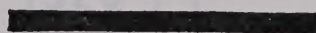
Township 5 South; Range 5 East; Section 6.

Map 13D Survey Unit 16. Buckhorn Mountain 74' 1980;

Township 5 South; Range 5 East; Section 16.



MAP 13A



1320 FT

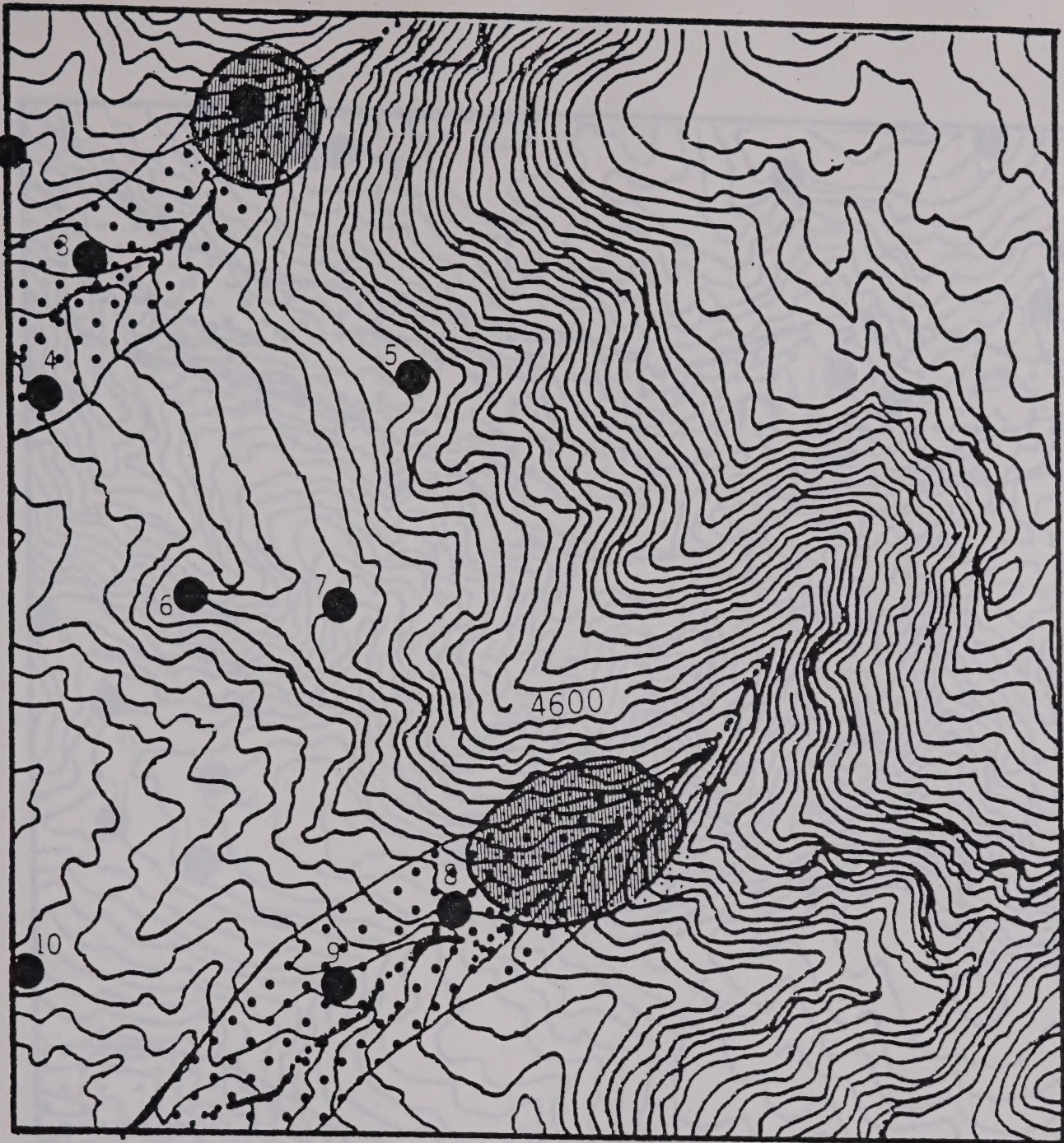




MAP 13B

1750 FT



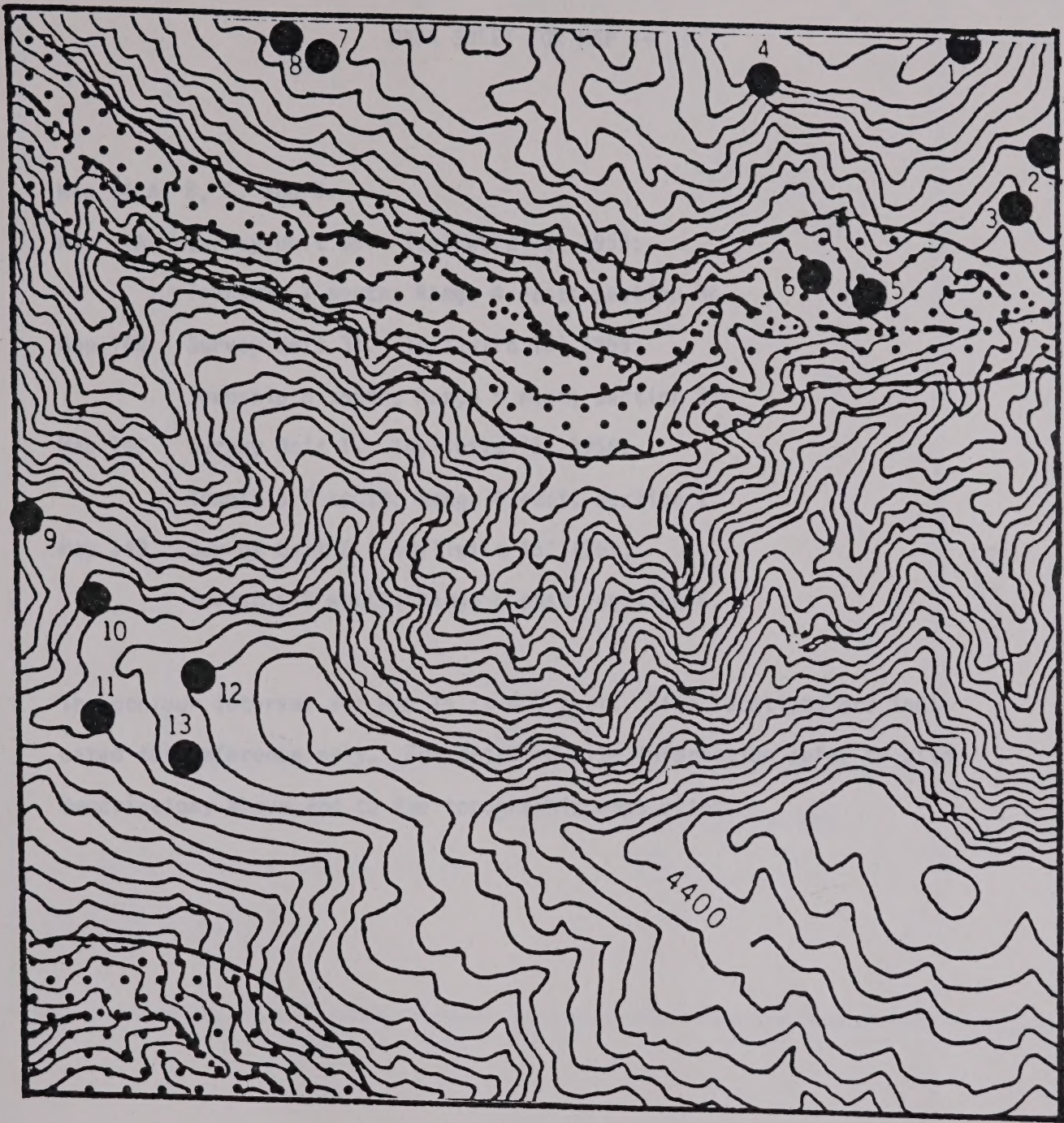


MAP 13C



1320 FT





MAP 13 D



1320 FT





1350 FT

MAP 13 D

DATA SHEET FOR MAP 14

Map 14 A, B, C, and D.

Map 14A Survey Unit 36. Idyllwild 15' 1959;
 Township 7 south; Range 4 east; section 36.

Map 14B Survey Unit 31. Idyllwild 15' 1959;
 Township 8 south; Range 5 east; section 31.

Map 14C Survey Unit 1. Idyllwild 15' 1959;
 Township 8 south; Range 4 east; section 1.

Map 14D Survey Unit 6. Idyllwild 15' 1959;
 Township 8 wouth; Range 5 east; section 6.

The contour interval for Map 14 is 400 feet. Site locations are indicated for reference only. For detailed site information refer to site descriptions above and to the topographic maps cited.

SURVEY UNIT 36
MAP 14A

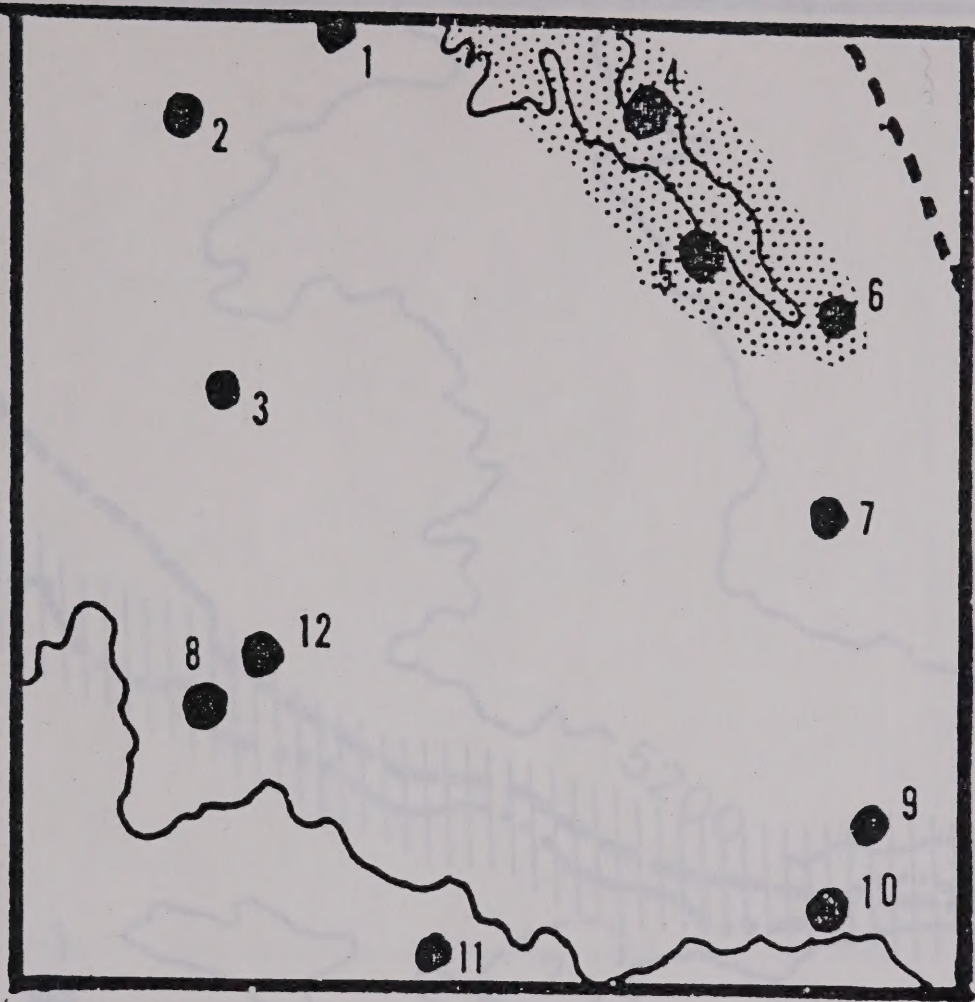
1320 FT

DATA SHEET FOR MAP 14

Map 14 A, B, C, and D.

Map 14A Survey Unit 36. 10/1/1916 to 12/1/1920;
 Township 7 south; Range 4 east; section 36.
 Map 14B Survey Unit 37. 10/1/1916 to 12/1/1920;
 Township 8 south; Range 5 east; section 37.
 Map 14C Survey Unit 1. 10/1/1916 to 12/1/1920;
 Township 8 south; Range 4 east; section 1.
 Map 14D Survey Unit 2. 10/1/1916 to 12/1/1920;
 Township 8 south; Range 5 east; section 2.

The contour interval for Map 14 is 400 feet. Site locations are indicated for reference only. For detailed site information refer to site descriptions shown on the topographic map sheet.



SURVEY UNIT 36
MAP 14A

1320 FT







SURVEY UNIT 31
MAP 14B

1320 FT

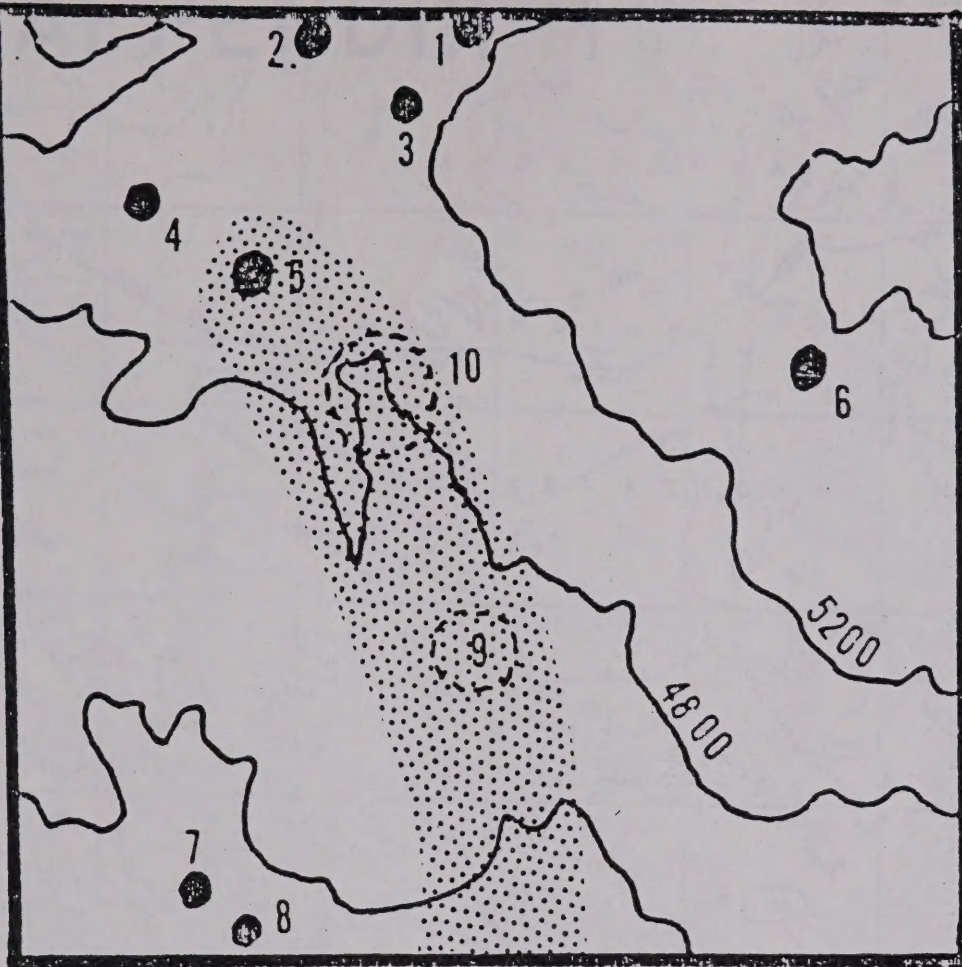




SURVEY UNIT I
MAP I4C

1320 FT



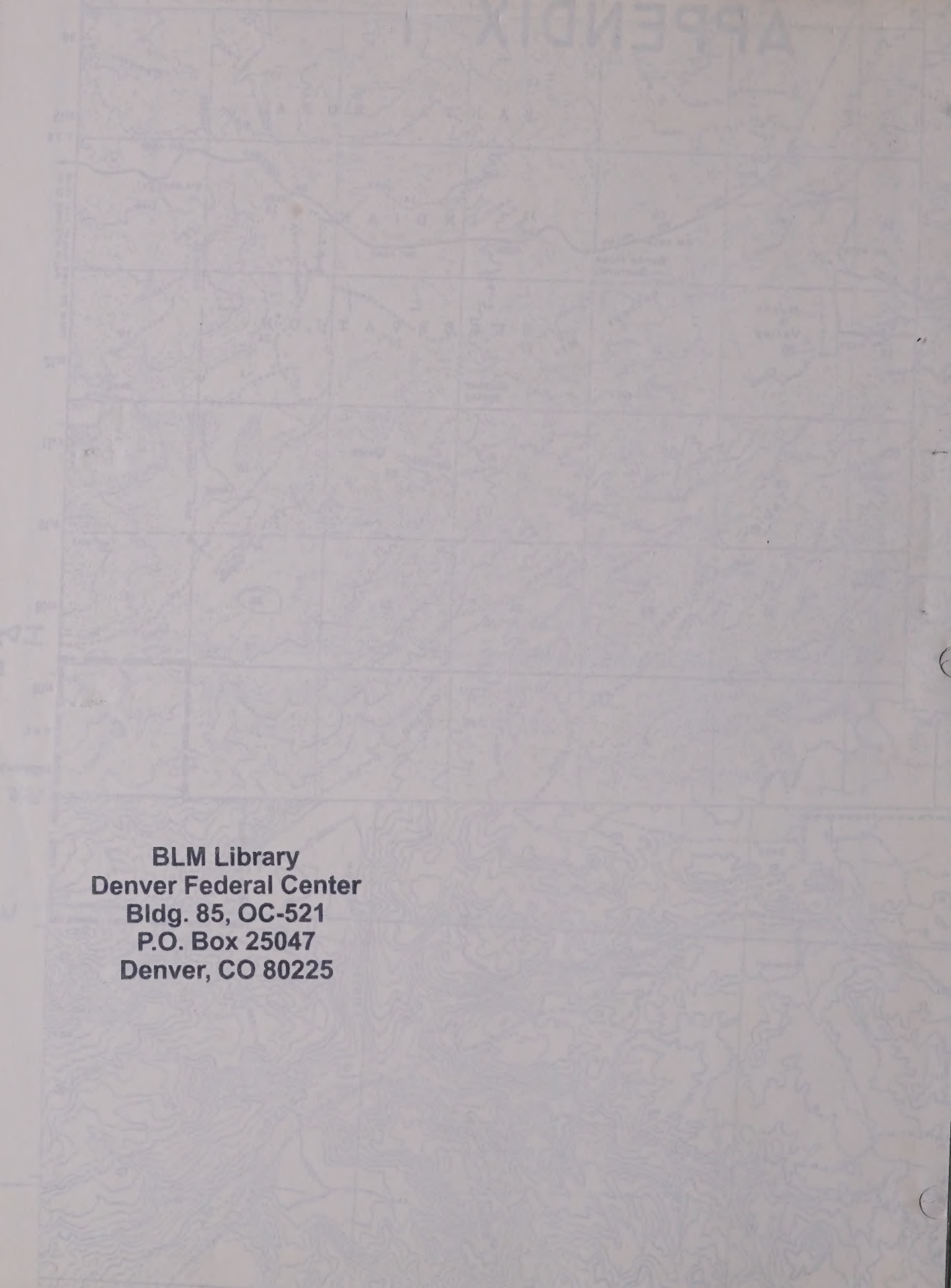


SURVEY UNIT 6
MAP 14 D

~~1320 FT~~
1320 FT



[illegible]

A faint topographic map serves as the background for the entire page. It features contour lines, a grid of latitude and longitude lines, and various geographical labels. The map is oriented with North at the top. The text is printed in the lower-left quadrant of the map.

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